



Search Tips  
combining the rating levels of effort search query

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• [Preferences](#)

☐ Find this phrase

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To include common words, add a "+" sign in front of each word you want included.

## Results Relevant web pages

Showing 1-10 of about 1,640:

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knowledgestorm.fastcompany.com/search/keyw...

[End-User Query Software - Software Search Results for End-User Query...](#)

Your **search** for keyword: End-User **Query Software** ... minimal Operator **effort**. ... from policy **rating** and ... performance/availability service  
knowledgestorm.inc.com/inc/search/tabkeywo...

[Like Query In Asp - Software, Hardware, Services and Research Papers](#)

Your **search** for keyword: Like **Query In Asp** returned ... of all skill **levels** find ... By **combining** our ... enormous amount of time, money and...  
productfinder.cio.com/search/keyword/cxoci...

[Asp Query - Software, Hardware, Services and Research Papers Search...](#)

Your **search** for keyword: Asp **Query** returned the ... writers from policy **rating** ... By **combining** our dedicated ... amount of time, money and  
productfinder.infoworld.com/infoworld/sear...

[Cycles Query Decisions - Software, Hardware, Services and Research...](#)

Your **search** for keyword: Cycles **Query Decisions** ... allowing different **levels** ... accurate, multi-carrier **rating** information ... HRMS Ownership  
knowledgestorm.co.uk/ksuk/search/keyword/C...

[Yahoo! Search blog: October 2004 Archives](#)

It's the old example of the "Java"; **search query**. ... and different **levels** of ... you have to make a conscious **effort** to do ... **Search** is about...  
www.ysearchblog.com/archives/2004\_10.html

[Asp Database Query - Software, Hardware, Services and Research...](#)

Your **search** for keyword: Asp Database **Query** returned ... By **combining** our ... of all skill **levels** find ... that jumpstart the report...  
resources.ecommercetimes.com/search/keywor...

[Understanding Patch and Update Management: Microsoft's](#)

## Refine Suggestions to narrow your search

We found no refinement suggestions for your search **combining the rating levels of effort search query**

## Resources Link collections from experts and enthusiasts

We found no link collections for your **search combining the rating levels of effort search query**

Software...

**Search** Microsoft.com for: ... The security **effort** is ... and complained that the security **rating levels** were ... By **combining** MBSA's  
www.microsoft.com/technet/security/topics/...

Interaction in information retrieval: Selection and effectiveness of... [PDF File]

...study that is a long-term **effort** involving ... they select weighted terms for a **search query** &#038; Su, 1990; ... in IR in all their complexity at...  
www.scils.rutgers.edu/~tefko/JASIS1997.pdf

Bandwidth Market, Ltd

...specifying one or more terms of the **query** and (b) **levels** of **effort** required to ... in the distinguished **query** and **combining** the retrieved **rating**  
www.telequipment.com/resources/patents/app...

**Results Pages:** [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) >>

Search Tips

combining the rating levels of effort search query **Search** • [Advanced Search](#)  
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Set	Items	Description
S1	1108532	QUERY??? OR QUERIE? ? OR SEARCH??? OR RETRIEV???
S2	12722850	RESULTS OR RESULTING OR RESULTANT OR FINDINGS OR HITS OR ANSWERS OR MATCHES OR LISTING? ? OR REFERENCES
S3	7134622	SCOR??? OR RATE? ? OR RATING OR GRADE? ? OR GRADING OR WEIGHT??? OR RANK??? OR PRIORITIZ? OR PRIORITIS?
S4	12006368	(FREQUEN? OR STRENGTH? OR INCIDENCE? ? OR HOW()OFTEN OR POPULAR??? OR RATIO OR PERCENTAGE OR NUMBER OR QUANTITY OR AMOUNT)
S5	2126	(LEVEL OR DEGREE) (3W) EFFORT
S6	2913957	DIFFICULT? ? OR HARD OR CHALLENG??? OR TOUGH OR ARDUOUS OR LABORIOUS OR PAINSTAKING OR EXACTING OR DAUNTING OR STRENUOUS OR DEMANDING OR INTENSE OR INTENSIVE OR EXERT???? OR STRUGGL? - ??
S7	31188	(HOW()MUCH OR AMOUNT) (3W) (TIME OR EFFORT)
S8	14027	HOW()LONG
S9	2708	S1 AND S2 AND S3 AND S4 AND S5:S8
S10	168259	S4(10N) (PEOPLE OR PERSONS OR INDIVIDUALS OR MEMBERS OR ENTITIES OR USERS OR PARTICIPANTS OR SUBSCRIBERS OR BUYERS OR CUSTOMERS OR CONSUMERS OR REQUESTERS OR PURCHASERS OR VISITORS)
S11	77450	S1(10N) S2
S12	43	S11 AND S3 AND S10 AND S5:S8
S13	32	RD (unique items)
S14	17.	S13 NOT PY=2002:2005

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DIALOG(R) File 8: Ei Compendex(R)  
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06296499 E.I. No: EIP03077362014

**Title:** Mining a stream of transactions for customer patterns

**Author:** Lambert, Diane; Pinheiro, Jose C.

**Corporate Source:** Bell Labs Lucent Technologies, Murray Hill, NJ 07974, United States

**Conference Title:** Proceedings of the Seventh ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD-2001)

**Conference Location:** San Francisco, CA, United States **Conference Date:** 20010826-20010829

**E.I. Conference No.:** 60361

**Source:** Proceedings of the Seventh ACM SIGKDD International Conference on Knowledge Discovery and Data Mining 2001.

**Publication Year:** 2001

**ISBN:** 158113391X

**Language:** English

**Document Type:** CA; (Conference Article) **Treatment:** T; (Theoretical)

**Journal Announcement:** 0302W3

**Abstract:** Transaction data can arrive at a ferocious rate in the order that transactions are completed. The data contain an enormous amount of information about customers, not just transactions, but extracting up-to-date customer information from an ever changing stream of data and mining it in real-time is a challenge. This paper describes a statistically principled approach to designing short, accurate summaries or signatures of high dimensional customer behavior that can be kept current with a stream of transactions. A signature database can then be used for data mining and to provide approximate answers to many kinds of queries about current customers quickly and accurately, as an empirical study of the calling patterns of 96,000 wireless customers who made about 18 million wireless calls over a three month period shows. 6 Refs.

**Descriptors:** \*Data mining; Database systems; Probability; Approximation theory; Statistical methods

**Identifiers:** Customer patterns

**Classification Codes:**

723.2 (Data Processing); 723.3 (Database Systems); 922.1 (Probability Theory); 921.6 (Numerical Methods); 922.2 (Mathematical Statistics)

723 (Computer Software, Data Handling & Applications); 922 (Statistical Methods); 921 (Applied Mathematics)

72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)

14/5/2 (Item 2 from file: 8)  
DIALOG(R) File 8: Ei Compendex(R)  
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05597874 E.I. No: EIP00075230813

**Title:** Grouper: A dynamic clustering interface to Web search results

**Author:** Zamir, Oren; Etzioni, Oren

**Corporate Source:** Univ of Washington, Seattle, WA, USA

**Conference Title:** The WWW8: 8th International World Wide Web Conference

**Conference Location:** Toronto, Ont., Can **Conference Date:** 19990511-19990514

**E.I. Conference No.:** 56977

**Source:** Computer Networks v 31 n 11 1999. p 1361-1374

**Publication Year:** 1999

**CODEN:** 003195 **ISSN:** 1389-1286

**Language:** English

**Document Type:** JA; (Journal Article) **Treatment:** T; (Theoretical)

**Journal Announcement:** 0008W3

**Abstract:** Users of Web search engines are often forced to sift through the long ordered list of document 'snippets' returned by the engines. The IR community has explored document clustering as an alternative method of

organizing **retrieval results** , but clustering has yet to be deployed on most major **search engines**. The NorthernLight search engine organizes its output into 'custom folders' based on pre-computed document labels, but does not reveal how the folders are generated or how well they correspond to users' interests. In this paper, we introduce Grouper, an interface to the **results** of the HuskySearch meta- **search engine**, which dynamically groups the **search results** into clusters labeled by phrases extracted from the snippets. In addition, we report on the first empirical comparison of user Web search behavior on a standard **ranked** -list presentation versus a clustered presentation. By analyzing HuskySearch logs, we are able to demonstrate substantial differences in the number of documents followed, and in the **amount of time** and **effort** expended by **users** accessing **search results** through these two interfaces. (Author abstract) 37 Refs.

Descriptors: \*World Wide Web; Search engines; User interfaces; Data acquisition

Identifiers: Dynamic clustering interfaces

Classification Codes:

722.2 (Computer Peripheral Equipment); 723.2 (Data Processing)

723 (Computer Software); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING)

14/5/3 (Item 3 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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05454086 E.I. No: EIP00014967289

Title: **Enabling concept-based relevance feedback for information retrieval on the WWW**

Author: Chang, Chia-Hui; Hsu, Ching-Chi

Corporate Source: Natl Taiwan Univ, Taipei, Taiwan

Source: IEEE Transactions on Knowledge and Data Engineering v 11 n 4 Jul-Aug 1999. p 595-609

Publication Year: 1999

CODEN: ITKEEH ISSN: 1041-4347

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 0002W4

Abstract: The World Wide Web is a world of great richness, but finding information on the Web is also a great **challenge** . Keyword-based querying has been an immediate and efficient way to specify and retrieve related information that the user inquires. However, conventional document **ranking** based on an automatic assessment of document relevance to the query may not be the best approach when little information is given, as in most cases. In order to clarify the ambiguity of the short queries given by users, we propose the idea of concept-based relevance feedback for Web information retrieval. The idea is to have **users** give two to three times more feedback in the same **amount of time** that would be required to give feedback for conventional feedback mechanisms. Under this design principle, we apply clustering techniques to the initial **search results** to provide concept-based browsing. We show the performances of various feedback interface designs and compare their pros and cons. We shall measure precision and relative recall to show how clustering improves performance over conventional similarity **ranking** and, most importantly, we shall show how the assistance of concept-based presentation reduces browsing labor. (Author abstract) 17 Refs.

Descriptors: \*Information retrieval; World Wide Web; Query languages; Online searching; User interfaces; Computer simulation

Identifiers: Query expansion; Relevance feedback; Concept based feedback; Keyword extraction; Document clustering; Document based browsing; Cluster based browsing

Classification Codes:

723.1.1 (Computer Programming Languages)

903.3 (Information Retrieval & Use); 723.5 (Computer Applications);

723.1 (Computer Programming); 722.2 (Computer Peripheral Equipment)

903 (Information Science); 723 (Computer Software); 722 (Computer Hardware)  
90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

14/5/5 (Item 2 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01804961 ORDER NO: AADAA-I9943714  
**DYNAMIC CATEGORIZATION: A METHOD FOR DECREASING INFORMATION OVERLOAD (MEDICAL INFORMATICS)**  
Author: PRATT, WANDA MARIE  
Degree: PH.D.  
Year: 1999  
Corporate Source/Institution: STANFORD UNIVERSITY (0212)  
Adviser: RUSS B. ALTMAN  
Source: VOLUME 60/08-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 4062. 171 PAGES  
Descriptors: COMPUTER SCIENCE ; HEALTH SCIENCES, MEDICINE AND SURGERY ; INFORMATION SCIENCE  
Descriptor Codes: 0984; 0564; 0723

**Search results** can be overwhelming. When people use computer-based tools to find answers to general questions, they often are faced with a **daunting** list of **search results** or "**hits**" returned by the **search** engine. Many **search** tools address this problem by helping users to make their searches more specific. However, when dozens or hundreds of documents are relevant to their question, users need tools that help them to explore and to understand their **search results**, rather than ones that eliminate a portion of those **results**.

I have developed a new approach, called dynamic categorization, that addresses this problem by automatically organizing **search results** into meaningful groups that correspond to the user's **query**. This approach uses knowledge of important kinds of queries and a model of the domain terminology to generate a hierarchical categorization of **search results**. I created a tool called DynaCat that implements this approach for the domain of medicine, where the amount of information in the primary medical literature alone is overwhelming. DynaCat summarizes the documents returned from a search by organizing them into an intuitive and useful hierarchy of categories, thus helping patients as well as health-care workers to gain quick and easy access to important medical information.

I evaluated my thesis work in two ways. The technical evaluation demonstrated that the categorization generated by DynaCat was about as consistent with the physicians' categorizations as the physicians' categorizations were with each other. These results suggest that DynaCat creates reasonable document categories and assigns documents to categories appropriately. In the usefulness evaluation, I showed that breast cancer patients and their family **members** could find more answers in a fixed **amount of time**, and were more satisfied with their search experience when they used DynaCat than when they used either the cluster tool or the **ranking** tool. These differences were statistically significant ( $p < 0.05$ ). Users thought that DynaCat helped them to find answers easily and quickly, and to learn about the information related to their **query**. They indicated that DynaCat provided an organization of **search results** that was clear, easy to use, accurate, precise, and helpful.

14/5/7 (Item 4 from file: 35)  
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01231019 ORDER NO: AADDX-96299  
**OPACS: USING ENHANCED TRANSACTION LOGS TO ACHIEVE MORE EFFECTIVE ONLINE**

# HELP FOR SUBJECT SEARCHING

Author: SLACK, FRANCES ELISABETH

Degree: PH.D.

Year: 1991

Corporate Source/Institution: COUNCIL FOR NATIONAL ACADEMIC AWARDS  
(UNITED KINGDOM) (0935)

Source: VOLUME 53/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 654. 293 PAGES

Descriptors: LIBRARY SCIENCE; INFORMATION SCIENCE

Descriptor Codes: 0399; 0723

Available from UMI in association with The British Library.

The research described in this thesis has examined the use made of online help during subject searching and has evaluated its effectiveness, making recommendations for an improved online help facility.

A general survey of academic OPACs in the UK identified the facilities for subject searching and the **amount** of online help and offline instruction offered to **users**. Five OPAC systems in academic libraries were tested by inexperienced users and their successes and failures were observed. Enhanced transaction logs were used to record the test subject searches and analysis of these provided a way of discovering to what extent online help was used. The need for online help was considered in the light of conceptual problems encountered by users while carrying out subject searches. The areas of conceptual **difficulty** included: (1) the general OPAC instructions; (2) inputting of search terms; (3) refining the search strategy; (4) subject description. The analysis of the enhanced transaction logs showed that online help was used in only one third of the tests. Even when used online help was not sufficient to guide student testers out of the conceptual problems associated with subject searching. It was seen, however, that little additional guidance was needed to assist student testers in the successful completion of the test subject searches.

A general model of online help requirements for subject searching was proposed. This model was tested as a prototype online help facility on an existing university library OPAC. Enhanced transaction logs were again analysed to discover the usage of the prototype online help facility and the success of the test subject **searches**. **Results** showed that although online help had been used less frequently than in the previous tests, the success **rate** of the student testers was higher. Some conceptual problems were still encountered in the test subject searches, but in most cases student testers were aided by the prototype online help facility. Finally, refinements to the proposed general model were made, and a revised model of online help requirements for subject searching was proposed for use on existing OPACs.

14/5/9 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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07608031 INSPEC Abstract Number: C2000-07-7250-007

Title: **Evaluating the performance of distributed architectures for information retrieval using a variety of workloads**

Author(s): Cahoon, B.; McKinley, K.S.; Zhihong Lu

Author Affiliation: Dept. of Comput. Sci., Massachusetts Univ., Amherst, MA, USA

Journal: ACM Transactions on Information Systems vol.18, no.1 p. 1-43

Publisher: ACM,

Publication Date: Jan. 2000 Country of Publication: USA

CODEN: ATISET ISSN: 1046-8188

SICI: 1046-8188(200001)18:1L:1:EPDA;1-W

Material Identity Number: N617-2000-002

U.S. Copyright Clearance Center Code: 1046-8188/2000/0100-001\$5.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** The information explosion across the Internet and elsewhere offers access to an increasing **number** of document collections. In order for **users** to effectively access these collections, information retrieval (IR) systems must provide coordinated, concurrent and distributed access. In this article, we explore how to achieve scalable performance in a distributed system for collection sizes ranging from 1 to 128 GB. We implemented a fully functional distributed IR system based on a multithreaded version of the Inquiry unified IR system. To explore the design space more fully, we also implemented and validated a flexible simulation model. We measured performance as a function of system parameters such as client command **rate**, number of document collections, terms per **query**, **query** term frequency, number of **answers** returned and command mixture. Our **results** show that it is important to model both **query** and document commands because the heterogeneity of commands significantly impacts performance. Based on our results, we recommend simple changes to the prototype and evaluate the changes using the simulator. Because of the significant resource demands of IR, it is not **difficult** to generate workloads that overwhelm system resources regardless of the architecture. However under some realistic workloads, we demonstrate system organizations for which the response time gracefully degrades as the workload increases and performance scales with the number of processors. This scalable architecture includes a surprisingly small number of brokers through which a large number of clients and servers communicate. (46 Refs)

Subfile: C

Descriptors: client-server systems; distributed databases; information retrieval system evaluation; multi-threading; parallel architectures; software architecture; software performance evaluation

Identifiers: performance evaluation; distributed architectures; workloads; information retrieval systems; information explosion; Internet; document collections; coordinated concurrent distributed access; scalable performance; multithreaded version; Inquiry; design space; flexible simulation model; system parameters; client command **rate**; query term frequency; returned answers; command mixture; command heterogeneity; prototype; resource demands; system resources; system organizations; response time graceful degradation; scalable architecture; brokers; client-server communication; 1 to 128 GB

Class Codes: C7250 (Information storage and retrieval); C6160B (Distributed databases); C6110P (Parallel programming); C5220P (Parallel architecture); C5470 (Performance evaluation and testing)

Numerical Indexing: memory size 1.1E+09 to 1.37E+11 Byte

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14/5/10 (Item 2 from file: 2)  
DIALOG(R) File 2:INSPEC  
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07414925 INSPEC Abstract Number: C2000-01-7250N-004

**Title:** WebYacht: a concept-based search tool for WWW

**Author(s):** Ching-Chi Hsu; Chia-Hui Chang

**Author Affiliation:** Dept. of Comput. Sci. & Inf. Eng., Nat. Taiwan Univ., Taipei, Taiwan

**Journal:** International Journal on Artificial Intelligence Tools (Architectures, Languages, Algorithms) vol.8, no.2 p.137-56

**Publisher:** World Scientific,

**Publication Date:** June 1999 **Country of Publication:** Singapore

**CODEN:** IAITEL **ISSN:** 0218-2130

**SICI:** 0218-2130(199906)8:2L:137:WCBS;1-6

**Material Identity Number:** P897-1999-004

**Language:** English **Document Type:** Journal Paper (JP)

**Treatment:** Practical (P)

**Abstract:** This paper describes a Web information search tool called WebYacht. The goal of WebYacht is to solve the problem of imprecise **search results** in current Web **search** engines. Due to incomplete information



given by users and the diversified information published on the Web, conventional document **ranking** based on an automatic assessment of document relevance to the query may not be the best approach when little information is given, as in most cases. In order to clarify the ambiguity of the short queries given by users, WebYacht adopts a cluster-based browsing model as well as relevance feedback to facilitate Web information searching. The idea is to have **users** give two to three times more feedback in the same **amount** of **time** that would be required for conventional feedback mechanisms. With the assistance of cluster-based representation provided by WebYacht, browsing labor can be much reduced. We explain the techniques used in the design of WebYacht and compare the performances of feedback interface designs with conventional similarity **ranking** **search** **results** . (10 Refs)

Subfile: C

Descriptors: Internet; relevance feedback; search engines

Identifiers: WebYacht; concept-based search tool; WWW; Web information search tool; imprecise **search** **results** ; Web search engines; incomplete information; document **ranking** ; document relevance; cluster-based browsing model; relevance feedback; Web information search; similarity **ranking** ; feedback interface design; query expansion; document clustering; document-based browsing; cluster-based browsing; concept-based feedback

Class Codes: C7250N (Search engines); C7250R (Information retrieval techniques); C7210N (Information networks)

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14/5/11 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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07362611 INSPEC Abstract Number: C1999-11-7250R-008

**Title: Enabling concept-based relevance feedback for information retrieval on the WWW**

Author(s): Chia-Hui Chang; Ching-Chi Hsu

Author Affiliation: Dept. of Comput. Sci. & Inf. Eng., Nat. Taiwan Univ., Taipei, Taiwan

Journal: IEEE Transactions on Knowledge and Data Engineering vol.11, no.4 p.595-609

Publisher: IEEE,

Publication Date: July-Aug. 1999 Country of Publication: USA

CODEN: ITKEEH ISSN: 1041-4347

SICI: 1041-4347(199907/08)11:4L:595:ECBR;1-V

Material Identity Number: N571-1999-005

U.S. Copyright Clearance Center Code: 1041-4347/99/\$10.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** The World Wide Web is a world of great richness, but finding information on the Web is also a great **challenge** . Keyword-based querying has been an immediate and efficient way to specify and retrieve related information that the user inquires. However, conventional document **ranking** based on an automatic assessment of document relevance to the query may not be the best approach when little information is given, as in most cases. In order to clarify the ambiguity of the short queries given by users, we propose the idea of concept-based relevance feedback for Web information retrieval. The idea is to have **users** give two to three times more feedback in the same **amount** of **time** that would be required to give feedback for conventional feedback mechanisms. Under this design principle, we apply clustering techniques to the initial **search** **results** to provide concept-based browsing. We show the performance of various feedback interface designs and compare their pros and cons. We measure precision and relative recall to show how clustering improves performance over conventional similarity **ranking** and, most importantly, we show how the assistance of concept-based presentation reduces browsing labor. (17 Refs)

Subfile: C

Descriptors: information resources; Internet; relevance feedback; user

interfaces

Identifiers: concept-based relevance feedback; information retrieval; World Wide Web; keyword-based querying; document **ranking** ; Web information retrieval; clustering techniques; **search results** ; concept-based browsing; user interface designs; performance; similarity **ranking** ; Internet

Class Codes: C7250R (Information retrieval techniques); C7210N (Information networks)

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14/5/16 (Item 1 from file: 483)  
DIALOG(R) File 483:Newspaper Abs Daily  
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05634790

**The Wide, Wide World of B & B's**

Collins, Glenn

New York Times, Sec 5, p 10, col 1

Jul 25, 1999

ISSN: 0362-4331 NEWSPAPER CODE: NY

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

ABSTRACT: Legitimate urban bed-and-breakfast proprietors -- as well as a new minority-group clientele -- are increasingly attracting attention, even while cagey condo capitalists function as illegal, bootleg operators. Nationally, a savvier, better financed and less romantic entrepreneurial breed of owner is coming into the business, mindful of the bottom line and in a few cases establishing tiny regional bed-and-breakfast empires. But at the same time, the industry is under greater scrutiny than ever from safety and hospitality overseers, while the Internal Revenue Service is **challenging** owners' cherished tax deductions for repairs and utilities and business depreciation allowances. According to industry estimates there were 1,000 bed-and-breakfasts in 1980 serving about a million guests, while last year there were 25,000 serving nearly 50 million guests. The number may now be closer to 30,000, "given our most recent **search** of Web sites and telephone **listings**," said Sarah W. Sonke, publisher of "Inspected, **Rated** and Approved Bed & Breakfasts and Country Inns" (\$17.95), a listing of 500 bed-and-breakfasts, which are inspected by Ms. Sonke's organization, the American Bed and Breakfast Association, based in Richmond. It charges its **members** \$350 to \$1,000 for listings, depending on the **number** of rooms. Professor (Malcolm A.) Noden of Cornell confirmed the 30,000 figure based on a recent Web search by one of his graduate students. As in the past, pitfalls await unlucky travelers (though rarer are the horror stories involving house trailers billed as quaint bed-and-breakfast accommodations, rooms facing all-night truck stops, and accommodations with lockless doors and backed-up toilets). But as localities have awakened to the proliferation of unregulated B & B's, municipal and county overseers have taken notice, said Ms. (Pat) Hardy, who ran a B & B for nine years in Santa Barbara. Increasingly the hostelrys are undergoing inspection by zoning, fire, building and health officials, she said, as well as by active innkeeper associations in 43 states. In addition, thousands are now inspected by the American Automobile Association and the Mobil Travel Guide.

DESCRIPTORS: Travel; Bed & breakfast inns

SPECIAL FEATURES: Illustration

14/5/17 (Item 1 from file: 256)  
DIALOG(R) File 256:TecInfoSource  
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00118297

DOCUMENT TYPE: Review

PRODUCT NAMES: Clever (755478); Google (750026); Popularity Engine (741931)

TITLE: Smarter Returns: New search engine technologies...

AUTHOR: Donahue, Sean

SOURCE: Business 2.0, p46(3) Aug 1999

ISSN: 1080-2681

HOME PAGE: <http://www.business2.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

IBM's Clever, Google's Google, and Direct Hit's Popularity Engine are among newer World Wide Web **search** engine technologies that sift out irrelevant **hits**. Next-generation **search** engine technologies are expected to not only locate keywords on Web sites, but to use either the Web's hyperlinked structure or human input to build user-friendly searches. Clever, Google, and Direct Hit all operate by receiving users' **search** parameters, choosing the best sites, and ordering the **results** by relevance. Clever then analyzes clusters of linked sites, and organizes them into authority and hub sites, according to volume and quality of sites that point to them. Google also uses link analysis, but adds a custom crawler and the patented Page Rank **scoring** system to aid in accurate searching. Direct Hit uses a 'popularity engine' that tracks sites visited most, records **how long** visitors stay at each site, and **ranks** sites correspondingly. Clever requires authorities to be linked by good hubs, which are sites that point to the most authorities. This revolving process is based on a mathematical algorithm called the principal eigenvector, which requires that the calculation reaches the same endpoint, irrespective of where it starts. Clever is still only a research project and no code is available for public or commercial use.

File 275:Gale Group Computer DB(TM) 1983-2005/Dec 14  
(c) 2005 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Dec 14  
(c) 2005 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2005/Dec 14  
(c) 2005 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2005/Dec 14  
(c) 2005 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2005/Dec 14  
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File 624:McGraw-Hill Publications 1985-2005/Dec 14  
(c) 2005 McGraw-Hill Co. Inc  
File 15:ABI/Inform(R) 1971-2005/Dec 14  
(c) 2005 ProQuest Info&Learning  
File 647:CMP Computer Fulltext 1988-2005/Dec W2  
(c) 2005 CMP Media, LLC  
File 674:Computer News Fulltext 1989-2005/Oct W2  
(c) 2005 IDG Communications  
File 696:DIALOG Telecom. Newsletters 1995-2005/Dec 14  
(c) 2005 Dialog  
File 369:New Scientist 1994-2005/Aug W1  
(c) 2005 Reed Business Information Ltd.  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 610:Business Wire 1999-2005/Dec 14  
(c) 2005 Business Wire.  
File 613:PR Newswire 1999-2005/Dec 14  
(c) 2005 PR Newswire Association Inc

Set	Items	Description
S1	2367970	QUERY??? OR QUERIE? ? OR SEARCH??? OR RETRIEV???
S2	9323427	RESULTS OR RESULTING OR RESULTANT OR FINDINGS OR HITS OR ANSWERS OR MATCHES OR LISTING? ? OR REFERENCES
S3	9461969	SCOR??? OR RATE? ? OR RATING OR GRADE? ? OR GRADING OR WEIGHT??? OR RANK??? OR PRIORITIZ? OR PRIORITIS?
S4	13241484	(FREQUEN? OR STRENGTH? OR INCIDENCE? ? OR HOW()OFTEN OR POPULAR??? OR RATIO OR PERCENTAGE OR NUMBER OR QUANTITY OR AMOUNT)
S5	8033	(LEVEL OR DEGREE) (3W)EFFORT
S6	7076068	DIFFICULT? ? OR HARD OR CHALLENG??? OR TOUGH OR ARDUOUS OR LABORIOUS OR PAINSTAKING OR EXACTING OR DAUNTING OR STRENUOUS OR DEMANDING OR INTENSE OR INTENSIVE OR EXERT???? OR STRUGGL?--??
S7	170578	(HOW()MUCH OR AMOUNT) (3W) (TIME OR EFFORT)
S8	138802	HOW() LONG
S9	120883	S1(10N) S2
S10	1578016	S4(10N) (PEOPLE OR PERSONS OR INDIVIDUALS OR MEMBERS OR ENTITIES OR USERS OR PARTICIPANTS OR SUBSCRIBERS OR BUYERS OR CUSTOMERS OR CONSUMERS OR REQUESTERS OR PURCHASERS OR VISITORS)
S11	283	S9(50N) S3(50N) S10(50N) S5:S8
S12	166	RD (unique items)
S13	149260	S3(30N) S4(30N) S5:S7
S14	103428	S1(7N) S2
S15	84	S14(50N) S13(50N) S10
S16	47	RD (unique items)
S17	31	,S16 NOT PY=2002:2005

17/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02576567 SUPPLIER NUMBER: 82374607 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**eThemes: an Internet instructional resource service.(training school teachers in the New Technology)**  
Wang, Feng-Kwei; Wedman, John  
Information Technology and Libraries, 20, 4, 179(6)  
Dec, 2001  
ISSN: 0730-9295 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 3384 LINE COUNT: 00291

... Snow pointed out that without mastering several Internet search techniques, information seekers may get unexpected or inconsistent **search results**. (6) The complexity of the resource finding task is exacerbated by the fact that Web content increases...8) In fact, according to an Internet user survey conducted by the Georgia Institute of Technology, Internet **users ranked** broken links as the second most **frequently** cited problem on the Internet. (9) The critical point here is that maintaining a current list of high-quality Internet resources is a **difficult** and time-consuming task, which most teachers are too busy to carry out. (10)

Even if all...  
...Internet resources is grossly inefficient. For example, in the eMINTS project, there are approximately ninety-five third- **grade** teachers, all of whom use the same state-mandated standards (www.dese.state.mo.us/standards) to...

17/3,K/2 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02460977 SUPPLIER NUMBER: 68647364 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Peer-to-Peer for Grown-Ups.(Technology Information)**  
Alwang, Greg  
PC Magazine, 26  
Jan 16, 2001  
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1519 LINE COUNT: 00127

... ODBC sources. They can let almost any data or URL-based content pass seamlessly to clients.The **Search** Engine supports multilevel **searches** and produces **results** in order of relevance. Security Services supports user authentication and SSL connections for keeping data secure. Implementation...

...relevant business problem: content delivery. Global firms can use it to streamline delivery from distributed locations and **strengthen** ties with e-business partners and **customers** by giving access to product, service, and support information.

NXT 3 e-Content Platform  
Price: For 250 users and unlimited servers, \$85,000. Requires: 128MB RAM; 50MB **hard** drive space; Microsoft Windows 2000 or NT 4.0 SP3 or later. NextPage Inc., Lehi, UT; 800-639-8724; www.nextpage.com. PC Magazine **Rating** : Very Good26pc magazine january 16, 2001 www.pcmag.comA Sitelet, complete with its own menus, runs from...

17/3,K/3 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02363837 SUPPLIER NUMBER: 58633099 (USE FORMAT 7 OR 9 FOR FULL TEXT)

KnowAll has better answer for queries - Windows application cuts the Web search info glut, but it suffers from several newbie nuisances. (Worldfree.net Inc's Know All search tool) (Software Review) (Evaluation)

Caton, Michael

PC Week, 27

Jan 17, 2000

DOCUMENT TYPE: Evaluation ISSN: 0740-1604

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 850 LINE COUNT: 00073

... to perform searches using different search engines and sites based on task or topic.

As with any search engine, results are ranked. For finding the context of a given answer, the KnowAll ranking system-based on concept...

...access relevant pages through the answer, search source and idea map lists were particularly helpful. Saving these results allowed us to search off line for related topics from pertinent documents, which considerably improved the time and success rate of subsequent searches.

Unfortunately, the success of a search depends on the speed of the user's processor and Internet traffic. Although users can control the amount of time spent on a search, we found that searches took the better part of a half-hour with...

17/3,K/4 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01669413 SUPPLIER NUMBER: 15071512 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Automatic structuring and retrieval of large text files. (Technical)

Salton, Gerard; Allan, James; Buckley, Chris

Communications of the ACM, v37, n2, p97(12)

Feb, 1994

DOCUMENT TYPE: Technical ISSN: 0001-0782

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 6187 LINE COUNT: 00528

... widely used, the Boolean retrieval model is not ideally suited to the retrieval task: users find it difficult to generate effective Boolean queries that will retrieve just the right type and amount of information; the retrieved items are presented to the users in a random order that does not correspond to any presumed order of relevance or usefulness; and term weights reflecting term importance are awkward to incorporate into Boolean systems in a consistent way. Most important, the operations of Boolean logic are unforgiving and inflexible, and the retrieval results are often inadequate [13, 14, 22].

[TABULAR DATA OMITTED]

The vector processing model represents an alternative possibility...

17/3,K/5 (Item 1 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou. (R)

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02588480 Supplier Number: 63710597 (USE FORMAT 7 FOR FULLTEXT)

iWon.com Selects Ask Jeeves Popularity Technology.

PR Newswire, pNA

July 27, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 777

... site. iWon, one of the fastest growing Web sites in Internet

history, will integrate Ask Jeeves' patented **popularity** technology to provide **users** with an effective and efficient search experience online.

By using iWon for searching the Web, checking email...

...monthly \$1 million and annual \$10 million cash prizes with virtually every click. Using Ask Jeeves Popularity **Search** (SM), iWon results are organized in Top 10 lists of the Web's most popular sites and...

...Ask Jeeves' award-winning popularity search technology because it analyzes the activity of millions of previous Internet **search** queries and **results** to determine the most relevant sites for iWon **users** ' search requests. Ask Jeeves' **Popularity** Search aggregates and organizes online content by tracking the sites that **people** visit, the **amount** of **time** they spend on those sites and the **frequency** at which they return.

"iWon has experienced rapid success, an impressive customer satisfaction **rating** and loyal user base, driving more than 8,000 unique users to the site last month alone...

...including AT&T Worldnet, Go2Net, InfoSpace and ZDNet. In addition, Ask Jeeves recently announced three international portal **customers** utilizing Ask Jeeves' **Popularity** Search: Catcha in Southeast Asia, Italia Online in Italy and El Mundo in Spain. Announced in April...

17/3,K/6 (Item 2 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2005 The Gale Group. All rts. reserv.

02515717 Supplier Number: 62438680 (USE FORMAT 7 FOR FULLTEXT)  
**Micron Electronics Teams With Ask Jeeves to Expand Customer Service With Ask MAX.**

PR Newswire, pNA  
May 19, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 706

... to using Jeeves Answers(SM), Ask Jeeves' natural-language technology, Ask MAX will also use Ask Jeeves' **popularity** -based search technology to enable thousands of **customers** to access the collective intelligence of all micronpc.com users for the most relevant information, products and services.

Award-winning Ask Jeeves' popularity search uses patented technology that ranks Web content according to the **amount** of time **visitors** spend on a Web page and the **frequency** of visits. This customer driven approach to delivering results is designed to increase revenues, heighten service levels...

...web strategy to retain customers through high-quality, customer service. By expanding our services with Ask Jeeves' **popularity** search, we expect to provide targeted answers to our **customers** throughout our site. Ask Jeeves' **popularity** search is an important component in our strategy to provide quality customer service."

Micron has been using...

...the company's products and services by ranking the most sought after Web content. By measuring the **amount** of **time** **customers** spend on Micron's Web pages and how **frequently** they return, Ask Jeeves' **popularity** -based search technology will help **customers** access the most relevant answers to their questions.

"The fact that industry-leading companies continue turning to...

17/3,K/7 (Item 3 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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02472848 Supplier Number: 61723875 (USE FORMAT 7 FOR FULLTEXT)

**Ask Jeeves Reports First Quarter Financial Results.**

PR Newswire, pNA

April 19, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 2392

... Jeeves completed the acquisition of Direct Hit Technologies during the first quarter of 2000, adding award-winning **popularity** search technology to its suite of solutions for online customer interaction. Using a patented **popularity** engine, Ask Jeeves can now better provide highly relevant **results** to customer queries on company Web sites, or Internet-wide queries, by **prioritizing** online content by user relevancy and preference, **ranking** the products, services and information **people** seek, the **amount** of **time** they spend on various Web pages and the **frequency** with which they return. Ask Jeeves has already integrated the technology into Ask.com and has launched Jeeves **Popularity** Search for customer queries on company Web sites. -- Voice-over-IP capabilities added through strategic alliance. Ask ...

17/3,K/8 (Item 4 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2005 The Gale Group. All rts. reserv.

02441035 Supplier Number: 61230409 (USE FORMAT 7 FOR FULLTEXT)

**Ask Jeeves Expands Online Personal Service Infrastructure with Two New Products for Real-time Customer Interaction.**

Business Wire, p0185

April 4, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1093

... self-service question answering capabilities, should expand the appeal of its solutions to a broad set of **customers** ." Jeeves Popularity Search and Jeeves Live complement Ask Jeeves' suite of real-time personal services, which include...

...net's Editor's Choice Award in 1999 and named Forbes' favorite Search engine in 1999, Jeeves **Popularity** Search uses a patented **popularity** engine to help customers quickly find relevant information about products and services on company Web sites and Internet-wide. Using automated search algorithms and proprietary **popularity** metrics, Jeeves **Popularity** Search **prioritizes** online content by user relevancy and preference, **ranking** the products, services and information people seek, the **amount** of **time** they spend on various Web pages and how **frequently** they return and to determine the most relevant responses to customer queries. Jeeves **Popularity** Search can function as a standalone solution or can be integrated with an existing **search** engine to improve the relevance of **search results** . Jeeves **Popularity** Search leverages a database of more than one billion search records to enable companies to provide a broader...

17/3,K/9 (Item 5 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)



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02439016      Supplier Number: 60928631      (USE FORMAT 7 FOR FULLTEXT)  
**Media Metrix Names AskMe.com as one of Hottest New Web Sites; Q&A Sites**  
**AskMe.com and Keen.com Blast into Media Metrix Top Five New Sites.**  
Business Wire, p0100  
March 27, 2000  
Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 638

... worldwide, and to categorize and store all the answers for future generations.

The Media Metrix Top Five **ranking**, along with AskMe.com's selection by PC Magazine as a Top 100 Web site (February 2000) and the Top **Rated** Q&A site (a) (March 2000), exemplifies the growing **popularity** of Q&A sites where **people** can easily get **answers** to specific questions, rather than **struggling** to **search** for information buried in the over 1.5 billion pages on the Internet.

"Consumer-to-consumer expert...

17/3,K/10      (Item 6 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01556545      Supplier Number: 47884194      (USE FORMAT 7 FOR FULLTEXT)  
**Diamond Multimedia Offers New On-Line Tech Support Wizard and Improved**  
**Homepage for Heightened Customer Support.**  
Business Wire, p08041199  
August 4, 1997  
Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1232

... home page.

In addition to the Technical Support Wizard, another useful tool, the "Search Diamond" function, allows **users** to enter a keyword of their choice to reduce the **amount** of **time** spent searching the web site.

"For example, instead of clicking between multiple web pages looking for a...

...developers that support the Monster Sound accelerator, Diamond customers can utilize the "Search Diamond" function to quickly **search** the entire web site and provide a **listing** of responses in **rank** order of importance," said Mark Jensen, corporate webmaster at Diamond Multimedia.

Diamond Multimedia

Diamond Multimedia is driving...

...media content from their desktops and through the Internet.

Diamond accelerates multimedia from the Internet to the **hard** drive with products that include the Stealth series of media accelerators, the Monster series of entertainment 3D...

17/3,K/11      (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

04469303      Supplier Number: 56956238      (USE FORMAT 7 FOR FULLTEXT)  
**\*\*\*\*AltaVista Emerges With Portal Facelift 10/25/99.**  
Bonisteel, Steven  
Newsbytes, pNA  
Oct 25, 1999  
Language: English      Record Type: Fulltext

Document Type: Newswire; Trade  
Word Count: 642

... integrating news in a live way," he said. "Then, under the hood, we've got the largest **search** index and the most-relevant **results**."

Memo said the improved **search** engine has visited 90 percent of all sites on the Web, spidering 350 million pages, then eliminating...released last week by the Web-traffic monitoring firm Media Metrix placed AltaVista 17th among the most- **popular** individual Websites when **ranked** by the **number** of unique **visitors** (a measure also known as "unduplicated reach"). That placed AltaVista behind some portals that are also well...

...AOL, Netscape, Excite and Lycos.

Forrester's Allen said that squeezing into the portal business will be **tough** for AltaVista, and not just because there are already some leading players.

"If you look at traffic

17/3,K/12 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

06294973 Supplier Number: 54474831 (USE FORMAT 7 FOR FULLTEXT)  
**Results ranking in Web Search Engines.**  
COURTOIS, MARTIN P.; BERRY, MICHAEL W.  
Online, v23, n3, p39(1)  
May, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 4011

... to try to deliver relevant results for the high volume of one-and two-word searches on **popular** topics. They may also have the effect of directing **users** to the most **popular** commercial sites, making it more **difficult** to locate less **popular**, but highly relevant pages.

The proprietary nature of **ranking** algorithms makes them **difficult** to explore. The algorithms are under constant adjustment, both to increase their effectiveness and to prevent reverse...

...and end-users would benefit from increased attention by information professionals to this important element of Web **searching**.

#### REFERENCES

(1.) Sullivan, Danny. "How HotBot Works." (Dec. 1, 1998)  
<http://searchenginewatch.com/subscribers/hotbot.html> [Feb. 14...

17/3,K/13 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03825078 Supplier Number: 45464490 (USE FORMAT 7 FOR FULLTEXT)  
**Query Tools Help Users Dip Into Data**  
InformationWeek, p54  
April 10, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 3016

... purchases made from those vendors. But creating a query to determine which vendor had the best quality **rating** --based on delivery time, **percentage** of returns, and service--is much more **difficult**.

Increasingly, **users** want to export data from a query into a spreadsheet or word processor. Given the **popularity** of Windows, support for data-sharing schemes such as Microsoft's Dynamic Data Exchange (DDE)

and Object...

...for novices. Not only is Business Objects available on Windows, Macintosh, and multiple Unix platforms, but all **queries**, **results**, graphs, and reports also are stored in ASCII files and are portable across the platforms. This tool...

17/3,K/14 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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00562311

**Answers**, a new research service, uses a new way of mass marketing research data that makes data more accessible to marketers, researchers and students.

Marketing News May, 1980 p. 27

... spurred mower sales. Users pay \$25 for an annual membership fee and are issued an Answers card; **subscribers** then call a 24-hr unlisted **number** for information, discuss search strategy with counselors, and negotiate funding for the **search**. Fees range from \$1 for easy **answers** to \$25 for **difficult** ones; an information **search rating** as a project costs upwards of \$50. The service covers marketing and other business subjects, politics, current...

17/3,K/15 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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14358336 SUPPLIER NUMBER: 78680157 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The Electronic Revolution, Part II: Mortgage Origination.(online mortgage management)**  
Davidson, Steve  
Community Banker, 9, 6, 40  
June, 2000  
ISSN: 1082-7919 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1569 LINE COUNT: 00131

... In such an environment, customers will largely compare and make a decision based on price--the annual **percentage rate** or monthly payments, for instance.

The **challenge** for the community financial institution is marketing and bringing **customers** to their products. The **number** of hits that **popular search** engines get for "banking" or "bank" inquiries exceed a million matches a day.

The transformation to an...

17/3,K/16 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

12338556 SUPPLIER NUMBER: 63509617 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Ernst & Young Entrepreneur Of The Year(R) Background and History.(Brief Article)**  
Los Angeles Business Journal, 22, 25, 35  
June 19, 2000  
DOCUMENT TYPE: Brief Article ISSN: 0194-2603 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 10794 LINE COUNT: 00895

... search engine, GoTo's business concept centers on "paid click-throughs," meaning each advertiser pays a predetermined **amount**

every time a consumer clicks through to its site. The key distinction is the advertiser can choose where it wants to be **ranked** by bidding against other advertisers. In a one-year period, this approach has increased GoTo's average price per click-through almost six times and the **number** of click-throughs tenfold. In short, GoTo succeeds when **consumers** find what they're looking for and advertisers receive targeted leads that will likely convert to customer relationships.

This Pasadena-based company operates the largest collection of vertical marketplaces on the Internet. GoTo **Search matches** consumers and businesses with online advertisers on the basis of keyword and category. GoTo Shopping provides consumers...

17/3,K/17 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

11638844 SUPPLIER NUMBER: 57764658 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Match.com.**  
Stern, Gary M.  
Link-Up, 16, 6, 26  
Nov-Dec, 1999  
ISSN: 0739-988X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1349 LINE COUNT: 00109

... in person, ignite no sparks or generate no chemistry, and the relationship fizzles.

As dating columnist, McDermott **answers** a bevy of e-mail **queries**. "Should I include my photo?" is one of the most popular questions. Her advice: If you feel...

...If you're hesitant and think it will lead to rejection, withhold it.

The Meg Ryan/Tom **Ranks** film You've Got Mail, which revolved around an online relationship, sparked considerable interest in Match.com...

...singles' site is meeting a growing need in the '90s: meeting someone to date. Rattling off a **number** of underlying reasons why **people** are having **difficulty** finding a mate, McDermott says, "We no longer get married in college. People delay marriage for career..."

17/3,K/18 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

11587255 SUPPLIER NUMBER: 55587774 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Web Search Engines Evolve to Meet Challenges.**  
Diaz, Karen R.; O'Hanlon, Nancy  
Reference & User Services Quarterly, 38, 3, 247  
Spring, 1999  
ISSN: 1094-9054 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2883 LINE COUNT: 00238

... Rabbit Society Web site, which provided some good general health information. One other page from the AltaVista **search results** was useful. When the same question was entered directly into Ask Jeeves, similar answers were produced, but the additional **hits** from the other four **search** engines proved more useful in getting to an answer on the more specific aspects of this question...

...searching. This service uses the collective judgments of past searchers to inform current ones. The company's " **Popularity Engine**" tracks the sites that users select from the **search results** and also considers **how much time** users spend viewing these pages. The engine then uses this data to re-rank the HotBot **listings**, then offers **searchers** access to a

list of the top ten most-visited sites for particular search words.

Google, a new beta search engine from Stanford University, also uses site **popularity** to sort results, but here popularity is indicated by page rank rather than by observation of user search behavior. Page **rank** is a statistical measure of citation of the page. A small bar graph floats next to each...

...with all terms used. The type of match (phrase or partial phrase) is also indicated in the **results listing**. And **search** terms are not stemmed, but matched exactly.

A sample search for the topic "Netherlands dwarf rabbit disease..."

17/3,K/19 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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10017692 SUPPLIER NUMBER: 20215229 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The Internet: beginning or end of organized information?**  
Ardito, Stephanie C.  
Searcher, v6, n1, p52(6)  
Jan, 1998  
ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 4513 LINE COUNT: 00385

... and Usefulness," I find that many information professionals are entangled in a Boolean mind-set and have **difficulty** in accepting the relevance **ranking** and concept searching features of Internet search engines. Search engine preferences among librarians and information professionals will therefore vary. Those favoring Boolean logic tend to **rank** HotBot and InfoSeek at the top of their lists, while others who appreciate the **strengths** of relevance **ranking** select Excite as their first choice. Yahoo! is generally considered a directory service by professional searchers (not...

...sites or links to Web sites.

The major search engines are making significant changes by increasing the **number** of search options available to internet **users**. Like many database producers, search engine companies feel pressure to entice the consumer or end-user market. They recognize the frustrations of users **retrieving** thousands of **hits** and have begun restructuring their **search** engines so that users have a better chance of pulling down fewer targeted **hits**. InfoSeek and Hotbot seem the only major **search** engines, at this time, seriously focusing on the power searcher

As one example of changes taking place...

17/3,K/20 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09221577 SUPPLIER NUMBER: 19048023 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Difficult installation steps hamper NetResults 1.1. (Innotech Multimedia's Java-based search tool) (Software Review) (Evaluation)**  
Biggs, Maggie  
InfoWorld, v19, n3, pIW2(2)  
Jan 20, 1997  
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 799 LINE COUNT: 00068

...ABSTRACT: for corporate intranets that supports cascading multiple-word searches across multiple servers with Boolean operators and generates **weighted search results**. It has a strong **search** engine and offers many options for displaying **results**, which can be presented in concise or

expanded text or historically. The program is highly flexible, consisting ...

...a distinct server-side engine, client-side applets and a Windows-based administration tool. Installation is unacceptably **difficult**; the software assumes users already have an active HTTP server and Java virtual machine in place, and...

...installation is fairly smooth but requires the user to create a results directory by hand. NetResults generates **results** based on the **weighting** of each **search** term and the term's **frequency** in each document. Corporate **users** may want to wait for a more stable version before deploying the product.

17/3,K/21 (Item 7 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08009705 SUPPLIER NUMBER: 16780050 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Query tools help users dip into data. (Business Objects 3.1, Software AG's Esperant 2.1, Cognos' Impromptu 3.0 and IQ Software's IQ/IQ Access 4.0) (Software Review) (Evaluation)

Tyo, Jay  
InformationWeek, n522, p54(5)  
April 10, 1995  
DOCUMENT TYPE: Evaluation ISSN: 8750-6874 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2729 LINE COUNT: 00219

... purchases made from those vendors. But creating a query to determine which vendor had the best quality **rating** --based on delivery time, **percentage** of returns, and service--is much more **difficult**.

Increasingly, **users** want to export data from a query into a spreadsheet or word processor. Given the **popularity** of Windows, support for data-sharing schemes such as Microsoft's Dynamic Data Exchange (DDE) and Object...

...for novices. Not only is Business Objects available on Windows, Macintosh, and multiple Unix platforms, but all **queries**, **results**, graphs, and reports also are stored in ASCII files and are portable across the platforms. This tool...

17/3,K/22 (Item 8 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

06197329 SUPPLIER NUMBER: 12354262 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Document management software: InfoWorld tests four network products that prevent revision chaos. (Software Review) (includes related articles: executive summary, how the software was tested, how electronic imaging may further demise of paper and a brief discussion of two specialized document management software packages) (Evaluation)

Brownstein, Mark; Strehlo, Kevin  
InfoWorld, v14, n27, p66(10)  
July 6, 1992  
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 10796 LINE COUNT: 00906

... access to documents based on security privileges, and prevents the editing of the same document by two **users** at the same time. Reporting capabilities include billing for the **amount** of **time** spent working on any given document, with an adjustable "idle" threshold that makes the meter stop running after a given **number** of seconds of inactivity.

SPEED: INDEXING

DA was the fastest product at full-text indexing, handling 1...  
...Yet that's less impressive than the performance of dedicated full-text retrieval engines such as FolioViews. Score : Very Good.

SPEED: KEYWORD SEARCH

We were surprised that DA's keyword searches were far slower than...

...text searches. We found that control of the application returned to us only long after the first " hits " in the search . We were also surprised that "or" was faster than "and." Score: Good.

SPEED: FULL-TEXT SEARCHING

DA...

17/3,K/23 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02568726 268884081

**Users' perceptions of the Web as revealed by transaction log analysis**

Moukdad, Haidar; Large, Andrew

Online Information Review v25n6 PP: 349-358 2001

ISSN: 1468-4527 JRNL CODE: ONCD

WORD COUNT: 6617

...TEXT: query term. Unless the term is very rare indeed, it is likely to generate a very large number of hits that the search engine's ranking algorithms will find difficult to organise by descending probability of relevance to the initial query. Yet almost one quarter of all...

...terms such as travel, bees, electricity and gardening, all of which alone constituted queries.

A majority of users did employ multi-term queries, and in fact the average number of terms per query over the 2,067 queries was 3.4, a figure that is somewhat...

17/3,K/24 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02299696 101331559

**eThemes: An Internet instructional resource service**

Wang, Feng-Kwei; Wedman, John

Information Technology & Libraries v20n4 PP: 179-184 Dec 2001

ISSN: 0730-9295 JRNL CODE: JLA

WORD COUNT: 3156

...TEXT: Snow pointed out that without mastering several Internet search techniques, information seekers may get unexpected or inconsistent search results . The complexity of the resource finding task is exacerbated by the fact that Web content increases by...

...8 In fact, according to an Internet user survey conducted by the Georgia Institute of Technology, Internet users ranked broken links as the second most frequently cited problem on the Internet.9 The critical point here is that maintaining a current list of high-quality Internet resources is a difficult and time-consuming task, which most teachers are too busy to carry out.10

Even if all...

...Internet resources is grossly inefficient. For example, in the eMINTS project, there are approximately ninety-five third-grade teachers, all of

whom use the same state-mandated standards (www.dese.state.mo.us/standards) to...

17/3,K/25 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02054410 58048889

Meeting review: Notes from Boston 2000 search engine meeting  
Schwartz, Candy  
American Society for Information Science. Bulletin of the American Society  
for Information Science v26n6 PP: 26-28 Aug/Sep 2000  
ISSN: 0095-4403 JRNL CODE: BAS  
WORD COUNT: 1739

...TEXT: this the Ask Jeeves effect), but most are still one or two words long and often typographically **challenged**. Tweaking **ranking** algorithms can only go so far in meeting the **challenge** of producing relevant **results** in answer to poorly formed **queries**, and so a host of alternative or collateral approaches have emerged.

### Popularity

Direct Hit has proven that incorporating **popularity**, that is, the behavior of past **users** - including not only that a page was viewed, but also **how much time** was spent viewing it can be a profitable strategy, and many other services are either using Direct Hit or developing similar methods. Link **popularity**, very successfully implemented by Google, is based on the degree to which a page is linked to...

...incorporated a form of query expansion almost from the beginning but largely behind the scenes, and any **number** of services present **users** with suggested associated terms following a search. What seems to be new now are more proactive attempts...

17/3,K/26 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02041218 55527490

The electronic revolution, part II: Mortgage origination  
Davidson, Steve  
Community Banker v9n6 PP: 40-41 Jun 2000  
JRNL CODE: SLN  
WORD COUNT: 1446

...TEXT: In such an environment, customers will largely compare and make a decision based on price-the annual **percentage rate** or monthly payments, for instance.

The **challenge** for the community financial institution is marketing and bringing **customers** to their products. The **number** of **hits** that **popular search** engines get for "banking" or "bank" inquiries exceed a million matches a day.

The transformation to an...

17/3,K/27 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01830346 04-81337



**Grouper: A dynamic clustering interface to Web search results**  
Zamir, Oren; Etzioni, Oren  
Computer Networks v31n11-16 PP: 1361-1374 May 17, 1999  
ISSN: 1389-1286 JRNLCODE: CNI

...ABSTRACT: returned by the engines. The IR community has explored document clustering as an alternative method of organizing **retrieval results**, but clustering has yet to be deployed on most major search engines. The NorthernLight search engine organizes...

...are generated or how well they correspond to users' interests. Grouper is introduced, an interface to the **results** of the HuskySearch meta-search engine, which dynamically groups the **search results** into clusters labeled by phrases extracted from the snippets. The first empirical comparison of user Web search behavior on a standard **ranked**-list presentation versus a clustered presentation is presented. By analyzing HuskySearch logs, substantial differences are demonstrated in the **number** of documents followed, and in the **amount** of **time** and **effort** expended by **users** accessing **search results** through these two interfaces. ...

17/3,K/28 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00817335 94-66727  
**Automatic structuring and retrieval of large text files**  
Salton, Gerard; Allan, James; Buckley, Chris  
Communications of the ACM v37n2 PP: 97-108 Feb 1994  
ISSN: 0001-0782 JRNLCODE: ACM  
WORD COUNT: 6145

...TEXT: widely used, the Boolean retrieval model is not ideally suited to the retrieval task: users find it **difficult** to generate effective Boolean queries that will retrieve just the right type and **amount** of information; the retrieved items are presented to the **users** in a random order that does not correspond to any presumed order of relevance or usefulness; and term **weights** reflecting term importance are awkward to incorporate into Boolean systems in a consistent way. Most important, the operations of Boolean logic are unforgiving and inflexible, and the **retrieval results** are often inadequate [13, 14, 22].

The vector processing model represents an alternative possibility for handling information...

17/3,K/29 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00654712 93-03933  
**Text Retrieval and Document Generation: ZyIndex**  
Baldwin-LeClair, Jack  
Legal Assistant Today v10n2 PP: 131-134 Nov/Dec 1992  
ISSN: 1045-6686 JRNLCODE: LAT  
WORD COUNT: 2322

...TEXT: highlighted bar and moving it across the screen. (Mouse users will, of course, point and click.) Previous **search results** are saved and are always available for later use in an individual **search session**. Moving around **search results** is a breeze.

Program documentation is excellent and what one would expect from a state-of-the-...

...significant, but I concur with the technical criticism.

As for support, I found the technical staff somewhat **difficult** to reach, but I would **rate** availability of support as above average. The staff is courteous and competent. ZyLab provides a support **number** which is not toll free, but **users** are not charged for the time of support staff, a definite plus. The program is so easy...

17/3,K/30 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2005 CMP Media, LLC. All rts. reserv.

01048379 CMP ACCESSION NUMBER: IWK19950410S0041  
**Query Tools Help Users Dip Into Data** (spotlight)  
Jay Tyo  
INFORMATIONWEEK, 1995, n 522, PG54  
PUBLICATION DATE: 950410  
JOURNAL CODE: IWK LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: OpenLabs  
WORD COUNT: 2596

... purchases made from those vendors. But creating a query to determine which vendor had the best quality **rating** -based on delivery time, **percentage** of returns, and service-is much more **difficult**.

Increasingly, **users** want to export data from a query into a spreadsheet or word processor. Given the **popularity** of Windows, support for data-sharing schemes such as Microsoft's Dynamic Data Exchange (DDE) and Object...

...for novices. Not only is Business Objects available on Windows, Macintosh, and multiple Unix platforms, but all **queries**, **results**, graphs, and reports also are stored in ASCII files and are portable across the platforms. This tool...

17/3,K/31 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2005 PR Newswire Association Inc. All rts. reserv.

00640970 20010912HSW015 (USE FORMAT 7 FOR FULLTEXT)  
**TrafficLeader Partners with AltaVista to Offer Trusted Feed**  
PR Newswire  
Wednesday, September 12, 2001 14:31 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 398

TEXT:

...detailed page information including titles, descriptions and keywords. These elements are used to determine how the pages **rank** within the **search**

**results**, as well as how the page **listings** appear to **users**.

"Trusted Feed increases the **number** of highly qualified and relevant URLs in AltaVista's index," stated Chris Kermoian, Director of Search Services and Web Marketing Services at AltaVista, "and also accepts pages that are traditionally **difficult** for crawlers to index, such as framed pages or pages with dynamic content." "

To ensure that listings...

...Feed,  
maintain an extremely high degree of relevancy," explains Jerry Wiant,  
president of TrafficLeader, "which enables the **search listings** achieved  
by  
TrafficLeader to drive highly qualified visitors to our clients' sites."

File 348:EUROPEAN PATENTS 1978-2005/Dec W01

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20051208,UT=20051201

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	1706734	QUERY??? OR QUERIE? ? OR SEARCH??? OR RETRIEV???
S2	1122981	RESULTS OR RESULTING OR RESULTANT OR FINDINGS OR HITS OR ANSWERS OR MATCHES OR LISTING? ? OR REFERENCES
S3	1009759	SCOR??? OR RATE? ? OR RATING OR GRADE? ? OR GRADING OR WEIGHT??? OR RANK??? OR PRIORITIZ? OR PRIORITIS?
S4	1527596	(FREQUEN? OR STRENGTH? OR INCIDENCE? ? OR HOW()OFTEN OR POPULAR??? OR RATIO OR PERCENTAGE OR NUMBER OR QUANTITY OR AMOUNT)
S5	633	(LEVEL OR DEGREE) (3W)EFFORT
S6	818776	DIFFICULT? ? OR HARD OR CHALLENG??? OR TOUGH OR ARDUOUS OR LABORIOUS OR PAINSTAKING OR EXACTING OR DAUNTING OR STRENUOUS OR DEMANDING OR INTENSE OR INTENSIVE OR EXERT???? OR STRUGGL? - ??
S7	70983	(HOW()MUCH OR AMOUNT) (3W) (TIME OR EFFORT)
S8	10095	HOW()LONG
S9	123320	(PRIOR OR PREVIOUS?? OR OLD?? OR PAST OR BEFORE???? OR PRECED??? OR EARL??? OR FORMER OR FOREGOING OR SIMILAR OR RELATED) (5N) (S1 OR SELECT??? OR PICK??? OR CHOSEN OR CHOOS??? OR PURCHAS??? OR BOUGHT???)
S10	773	S1 (50N) S9 (50N) S3 (50N) S4 (50N) S5:S8
S11	94560	S4 (10N) (PEOPLE OR PERSONS OR INDIVIDUALS OR MEMBERS OR ENTITIES OR USERS OR PARTICIPANTS OR SUBSCRIBERS OR BUYERS OR CUSTOMERS OR CONSUMERS OR REQUESTERS OR PURCHASERS OR VISITORS)
S12	220	S1 (50N) S2 (50N) S3 (50N) S11 (50N) S5:S8
S13	25090	S1 (10N) S2
S14	72	S13 (50N) S3 (50N) S11 (50N) S5:S8
S15	29	S14 AND AC=US/PR AND AY=(1970:2001)/PR
S16	29	S14 AND AC=US AND AY=1970:2001
S17	29	S14 AND AC=US AND AY=(1970:2001)/PR
S18	24	S14 AND PY=1970:2001
S19	32	S15:S18

19/3,K/4 (Item 4 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01341214

On-line location of consumer product having specific configuration

On-Line-Auffinden eines Verbraucherprodukts mit einer spezifischen Konfiguration

Localisation en ligne d'un produit de consommation avec une configuration spécifique

PATENT ASSIGNEE:

FORD MOTOR COMPANY, (476340), The American Road, Dearborn, MI 48121, (US)  
, (Applicant designated States: all)

INVENTOR:

Smith, Stephen, 9055, Ashdown Avenue, White Lake, Michigan 48386, (US)

LEGAL REPRESENTATIVE:

Messulam, Alec Moses (33832), A. Messulam & Co. Ltd., 43-45 High Road,  
Bushey Heath, Bushey, Herts WD23 1EE, (GB)

PATENT (CC, No, Kind, Date): EP 1146465 A2 011017 (Basic)  
EP 1146465 A3 020821

APPLICATION (CC, No, Date): EP 2001302908 010328;

PRIORITY (CC, No, Date): US 539392 000331; US 537190 000329

DESIGNATED STATES: DE; FI; FR; GB; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 129

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200142	490
SPEC A	(English)	200142	16811
Total word count - document A			17301
Total word count - document B			0
Total word count - documents A + B			17301

...SPECIFICATION regions

- Free Demand Data Reports:
- Metrics on end customer click streams on the web site for configurations, **resulting in**:
  - Abandoned
  - Retail Ordered
  - Tagged Order
  - Request-for-Quotes (Leads)
  - **Searched**
  - Saved in garage for future follow-up
  - **Rank** order of user "first clicks" - hot spots on the web sites, brands, etc.
  - **Rank** order of popular (non-standard) options per model/trim level
  - **Rank** ordered top 10 models per brand
  - **Rank** ordered most popular build combinations, configuration items (options or features), colours, etc.
  - **Percentage** of **users** selecting auxiliary services from the web sites based on model/trim configurations
  - Order Status Metric Reports
  - **How long** on average does it take to build a vehicle, a vehicle of a certain brand, make, trim...

19/3,K/5 (Item 5 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01335435

**Order status inquiry and tracking**

**Auskunft über und Verfolgen des Status einer Bestellung**

**Demande de renseignement et suivi d'état d'une commande**

**PATENT ASSIGNEE:**

FORD MOTOR COMPANY, (476340), The American Road, Dearborn, MI 48121, (US)

(Applicant designated States: all)

**INVENTOR:**

Hanzek, Joe J., 22449 Paddington Court, Novi, Michigan 48374, (US)

**LEGAL REPRESENTATIVE:**

Messulam, Alec Moses (33832), A. Messulam & Co. Ltd., 43-45 High Road,

Bushey Heath, Bushey, Herts WD23 1EE, (GB)

PATENT (CC, No, Kind, Date): EP 1139264 A2 011004 (Basic)

EP 1139264 A3 020821

APPLICATION (CC, No, Date): EP 2001302903 010328;

PRIORITY (CC, No, Date): US 537190 000329

DESIGNATED STATES: DE; FI; FR; GB; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 109

**NOTE:**

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200140	542
SPEC A	(English)	200140	16779
Total word count - document A			17321
Total word count - document B			0
Total word count - documents A + B			17321

**...SPECIFICATION regions**

- Free Demand Data Reports:
- Metrics on end customer click streams on the web site for configurations, **resulting in:**
  - Abandoned
  - Retail Ordered
  - Tagged Order
  - Request-for-Quotes (Leads)
  - **Searched**
  - Saved in garage for future follow-up
  - **Rank** order of user "first clicks" - hot spots on the web sites, brands, etc.
  - **Rank** order of popular (non-standard) options per model/trim level
  - **Rank** ordered top 10 models per brand
  - **Rank** ordered most popular build combinations, configuration items (options or features), colours, etc.
  - **Percentage** of users selecting auxiliary services from the web sites based on model/trim configurations
  - Order Status Metric Reports
  - **How long** on average does it take to build a vehicle, a vehicle of a certain brand, make, trim...

19/3,K/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01335433

**On-line reporting related to orders for consumer products having specific configurations**

**On-Line-Berichterstattung in Zusammenhang mit Bestellungen von Konsumgütern mit spezifischen Konfigurationen**

**Rapport en ligne relatif aux commandes de biens de consommation ayant des**

### configurations spécifiques

#### PATENT ASSIGNEE:

FORD MOTOR COMPANY, (476340), The American Road, Dearborn, MI 48121, (US)  
, (Applicant designated States: all)

#### INVENTOR:

Ahluwalia, Gurpreet, 2848, Winter Drive, Troy, Michigan 48063, (US)

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Messulam, Alec Moses (33832), A. Messulam & Co. Ltd., 43-45 High Road,  
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PATENT (CC, No, Kind, Date): EP 1139262 A2 011004 (Basic)  
EP 1139262 A3 020821

APPLICATION (CC, No, Date): EP 2001302901 010328;

PRIORITY (CC, No, Date): US 542413 000404; US 537190 000329

DESIGNATED STATES: DE; FI; GB; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 103

#### NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

#### FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200140	403
SPEC A	(English)	200140	16577
Total word count - document A			16980
Total word count - document B			0
Total word count - documents A + B			16980

#### ...SPECIFICATION regions

- Free Demand Data Reports:
- Metrics on end customer click streams on the web site for configurations, **resulting in**:
  - Abandoned
  - Retail Ordered
  - Tagged Order
  - Request-for-Quotes (Leads)
  - **Searched**
  - Saved in garage for future follow-up
- **Rank** order of user "first clicks" - hot spots on the web sites, brands, etc.
- **Rank** order of popular (non-standard) options per model/trim level
- **Rank** ordered top 10 models per brand
- **Rank** ordered most popular build combinations, configuration items (options or features), colours, etc.
- **Percentage** of **users** selecting auxiliary services from the web sites based on model/trim configurations
- Order Status Metric Reports
- **How long** on average does it take to build a vehicle, a vehicle of a certain brand, make, trim...

19/3,K/8 (Item 8 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01298970

#### INFORMATION RETRIEVAL SYSTEM

SYSTEM ZUM WIEDERAUFFINDEN VON INFORMATIONEN

SYSTEME D'EXTRACTION D'INFORMATIONS

#### PATENT ASSIGNEE:

BRITISH TELECOMMUNICATIONS public limited company, (846100), 81 Newgate  
Street, London EC1A 7AJ, (GB), (Proprietor designated states: all)

#### INVENTOR:

Krohn, Uwe, Glebelands, Cliff Road, Waldringfield, Suffolk IP12 4QL, (GB)

Stewart, Robert Scott, Hillbend Cottage, 20 Blind lane, Coleby, Lincoln  
LN5 0AL, (GB)  
Davies, Nicholas John, Pen-Y-Fan, Mill Road, Boxted, Colchester, Essex  
CO4 5RW, (GB)

LEGAL REPRESENTATIVE:

Lidbetter, Timothy Guy Edwin (77331), BT Group Legal Services,  
Intellectual Property Department, 8th Floor, Holborn Centre, 120  
Holborn, London EC1N 2TE, (GB)

PATENT (CC, No, Kind, Date): EP 1226522 A1 020731 (Basic)  
EP 1226522 B1 040121  
WO 2001033417 010510

APPLICATION (CC, No, Date): EP 2000972968 001020; WO 2000GB4074 001020

PRIORITY (CC, No, Date): EP 99308748 991103

DESIGNATED STATES (Pub A): AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE;  
IT; LI; LU; MC; NL; PT; SE; (Pub B): DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200404	898
CLAIMS B	(German)	200404	854
CLAIMS B	(French)	200404	953
SPEC B	(English)	200404	6500
Total word count - document A			0
Total word count - document B			9205
Total word count - documents A + B			9205

...SPECIFICATION distinct term, the query term analyser 145 calculates a weighting using one of a number of possible **weighting** algorithms. In particular, if STEP 230 served merely to update a counter recording the number of users...

...may use such a counter in the calculation of a weighting for the term. In a preferred **weighting** algorithm, each distinct term may be assigned a **weight** in the range 0 to 1, the **weight** in respect of a particular document being calculated as the proportion of users that upon using the term in their search queries, investigated the content of the document thereby retrieved. Such a **weighting** expresses the probability that users who retrieved a document by using the term in their queries, found the document to be relevant. This **weighting** may also be interpreted as indicating the degree to which the term represents the meaning of the document's content.

A term's **weight** may be further adjusted according to the **amount** of **time** that those **users** spent looking at the document, up to a predetermined timeout period, as monitored through the user interface...

...increased in proportion to the total time users spent looking at the document.

At STEP 325, the **query** term analyser 145 constructs a table showing cross- **references** between each distinct **query** term and each of the n selected documents from the latest search query response. The table contains the **weighting** calculated at STEP 320 (or STEP 230) for each term in respect of each selected document. In the worked example, the following cross-reference table of term **weights** is generated, with documents being represented by rows and terms by columns:

Preferably, at STEP 325, the query term analyser 145 applies a predetermined **weighting** threshold t to the table entries to convert each of the weightings into a binary indicator according...



01277916

**Information access**

**Zugriff auf Information**

**Acces a des informations**

**PATENT ASSIGNEE:**

BRITISH TELECOMMUNICATIONS public limited company, (846100), 81 Newgate Street, London EC1A 7AJ, (GB), (Applicant designated States: all)

**INVENTOR:**

The designation of the inventor has not yet been filed

**LEGAL REPRESENTATIVE:**

Dutton, Erica L. G. et al (63161), BT Group Legal Services, Intellectual Property Department, 8th Floor, Holborn Centre 120 Holborn, London EC1N 2TE, (GB)

PATENT (CC, No, Kind, Date): EP 1098258 A1 010509 (Basic)

APPLICATION (CC, No, Date): EP 99308748 991103;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT WORD COUNT: 196

**NOTE:**

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200119	813
SPEC A	(English)	200119	6238
Total word count - document A			7051
Total word count - document B			0
Total word count - documents A + B			7051

...SPECIFICATION who retrieved them using search queries containing the following words and phrases:

At STEP 320, if a **weighting** has not already been calculated at STEP 230 of Figure 2 and stored with each distinct term...

...of possible weighting algorithms. In particular, if STEP 230 served merely to update a counter recording the **number** of **users** to have used the distinct term to retrieve a particular document, then at STEP 320 the query...

...weighting algorithm, each distinct term may be assigned a weight in the range 0 to 1, the **weight** in respect of a particular document being calculated as the proportion of users that upon using the term in their search queries, investigated the content of the document thereby retrieved. Such a **weighting** expresses the probability that users who retrieved a document by using the term in their queries, found the document to be relevant. This **weighting** may also be interpreted as indicating the degree to which the term represents the meaning of the document's content.

A term's **weight** may be further adjusted according to the **amount** of **time** that those **users** spent looking at the document, up to a predetermined timeout period, as monitored through the user interface...

...increased in proportion to the total time users spent looking at the document.

At STEP 325, the **query** term analyser 145 constructs a table showing cross- **references** between each distinct **query** term and each of the n selected documents from the latest search query response. The table contains the **weighting** calculated at STEP 320 (or STEP 230) for each term in respect of each selected document. In the worked example, the following cross-reference table of term **weights** is generated, with documents being represented by rows and terms by columns:

Preferably, at STEP 325, the query term analyser 145 applies a predetermined **weighting** threshold  $t$  to the table entries to convert each of the weightings into a binary indicator according...

19/3,K/11 (Item 11 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01086733

IDENTIFYING THE ITEMS MOST RELEVANT TO A CURRENT QUERY BASED ON ITEMS  
SELECTED IN CONNECTION WITH SIMILAR QUERIES

IDENTIFIZIERUNG DER RELEVANTESTEN ANTWORTEN AUF EINE AKTUELLE SUCHANFRAGE  
BASIEREND AUF BEREITS BEI AHNLICHEN ANFRAGEN AUSGEWAHLTEN ANTWORTEN

IDENTIFICATION DES ENTITES REpondANT LE MIEUX A UNE RECHERCHE COURANTE  
SELON LES ENTITES SELECTIONNEES PAR RAPPORT A DES RECHERCHES ANALOGUES

PATENT ASSIGNEE:

Amazon.Com, Inc., (2248441), 1516 Second Avenue, Seattle, WA 98101, (US),  
(Proprietor designated states: all)

INVENTOR:

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ORTEGA, Ruben, E., 4712 33rd Avenue N.E., Seattle, WA 98105, (US)  
LINDEN, Greg, 8045 36th Avenue N.E., Seattle, WA 98115, (US)  
SPIEGEL, Joel, R., 14026 227th Avenue N.E., Woodinville, WA 98072, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1060449 A1 001220 (Basic)  
EP 1060449 B1 030625  
WO 99045487 990910

APPLICATION (CC, No, Date): EP 98964094 981218; WO 98US26985 981218

PRIORITY (CC, No, Date): US 33824 980303; US 41081 980310

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-017/60; G06F-017/30

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200326	617
CLAIMS B	(German)	200326	662
CLAIMS B	(French)	200326	698
SPEC B	(English)	200326	6021
Total word count - document A			0
Total word count - document B			7998
Total word count - documents A + B			7998

...SPECIFICATION result is empty, i.e., when no items completely satisfy the query.

Once the facility has generated **ranking** values for at least some items, the facility preferably orders the items of the query result in...  
...and a book about the effects on human beings of particle dynamics, selections by users from early **query results** produced for **queries** containing the term "human" show that these **users** select the human dynamics book much more **frequently** than they select the particle dynamics book. The facility therefore ranks the human dynamics book higher than...

...it more easily. This benefit of the facility is especially useful in conjunction with the large, heterogeneous **query results** that are typically generated for single-term **queries**, which are commonly submitted by users.

Various embodiments of the invention base rating scores on different kinds of selection actions performed by the users on items identified in

**query results** . These include whether the user displayed additional information about an item, **how much time** the user spent viewing the additional information about the item, how many hyperlinks the user followed within...

...the user ultimately purchased the item. Embodiments of the invention also consider selection actions not relating to **query results** , such as typing an item's item identifier rather than choosing the item from a query result...

...and individual user preferences. Some embodiments of the invention utilize specialized strategies for incorporating into the rating **scores** information about queries submitted in different time frames.

Figure 1 is a high-level block diagram showing...result is empty, i.e., when no items completely satisfy the query.

Once the facility has generated **ranking** values for at least some items, the facility preferably orders the items of the query result in...

...and a book about the effects on human beings of particle dynamics, selections by users from early **query results** produced for **queries** containing the term "human" show that these **users** select the human dynamics book much more **frequently** than they select the particle dynamics book. The facility therefore ranks the human dynamics book higher than...

...it more easily. This benefit of the facility is especially useful in conjunction with the large, heterogeneous **query results** that are typically generated for single-term **queries** , which are commonly submitted by users.

Various embodiments of the invention base rating scores on different kinds of selection actions performed by the users on items identified in **query results** . These include whether the user displayed additional information about an item, **how much time** the user spent viewing the additional information about the item, how many hyperlinks the user followed within...

...the user ultimately purchased the item. Embodiments of the invention also consider selection actions not relating to **query results** , such as typing an item's item identifier rather than choosing the item from a query result...

...and individual user preferences. Some embodiments of the invention utilize specialized strategies for incorporating into the rating **scores** information about queries submitted in different time frames.

Figure 1 is a high-level block diagram showing...

19/3,K/12 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00993597 \*\*Image available\*\*

APPARATUS AND METHOD THAT MODIFIES THE RANKING OF THE SEARCH RESULTS BY THE  
NUMBER OF VOTES CAST BY END-USERS AND ADVERTISERS

SYSTEME ET PROCEDE POUVANT MODIFIER LE CLASSEMENT DES RESULTATS DE  
RECHERCHE EN FONCTION DU NOMBRE DE VOTES EXPRIMEES PAR DES UTILISATEURS  
ULTIMES ET DES ANNONCEURS

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200323563 A2 20030320 (WO 0323563)  
Application: WO 2002US28694 20020906 (PCT/WO US0228694)  
Priority Application: US 2001947557 20010906

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG UZ VC YU ZA ZM

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8967

Fulltext Availability:

Detailed Description

Detailed Description

APPARATUS AND METHOD THAT MODIFIES

THE **RANKING** OF THE SEARCH RESULTS BY THE **NUMBER** OF

VOTES CAST BY END- **USERS** AND ADVERTISERS

BACKGROUND OF THE INVENTION

1 Field of the Invention

The present invention relates to an...

...response to

queries. In particular, the present invention relates to an apparatus and method that modifies the **ranking** of the **search results** by combining the **rank** assigned from an objective relevancy analysis with the **number** of votes cast by end- **users** and advertisers.

1 5

2. Description of ...by Cyveillance, "Sizing the Internet", in July, 2000,

found that the Internet is growing at an explosive **rate** of more than seven million Web pages each day and indicating that there are more than two...is an ocean of uncharted Web pages. Finding relevant information on the Web has become an increasingly **challenging** task that leaves millions of Internet users frustrated everyday.

Recently, Web search engines have emerged as one...

19/3,K/14 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00902203

SYSTEM AND METHOD PROVIDING AUTOMATED AND INTERACTIVE CONSUMER INFORMATION GATHERING

SYSTEME ET PROCEDE POUR LA COLLECTE AUTOMATIQUE ET INTERACTIVE D'INFORMATIONS SUR LES CONSOMMATEURS

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(Residence), US (Nationality)

Inventor(s):

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HAHS Gary D, 3471 River Way, San Antonio, TX 78230, US,

STAHL Phyliss P, One Inwood Bluff, San Antonio, TX 78248, US,

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200235423 A2 20020502 (WO 0235423)

Application: WO 2001US15619 20010515 (PCT/WO US0115619)

Priority Application: US 2000242691 20001023

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CR CU CZ DE DK DM EC EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6122

Fulltext Availability:

Detailed Description

Detailed Description

... need to seek consumer information as quickly as possible.

Unfortunately, acquiring consumer information has become ever more **difficult** and expensive.

Potential information providers, such as consumer survey respondents, have become increasingly time-starved and/or...

...or over the Internet, for example. These approaches, however, often do not produce cost-effective and useable **results**.

Focus groups, for example, have become exceedingly **difficult** to **retrieve** research information. With the proliferation of two-job families, single parent situations, children's activities, and heightened workplace tensions, focus group recruiting has suffered. Also, the more narrowly defined an audience is, the more **difficult** recruiting I 0 becomes. Personal style and group dynamics may also limit the **number** of effective group **participants**. Phone surveys have also become **difficult** to conduct. Even when potential respondents are home, they are less likely to answer. Identified or not...

...difficulties can also degrade participation and response.

1 5 Mail surveys suffer from inherent process slowness to **retrieve** research **results** and also suffer from lower participation **rates**. Questionnaire length and confusing question Disclosure of the Invention The following presents a simplified summary of the...

19/3,K/15 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00887129 \*\*Image available\*\*

AUCTION-BASED SEARCH ENGINE

MOTEUR DE RECHERCHE POUR VENTE AUX ENCHERES

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)  
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SIMS Rayford L, 742 N. Amherst, Claremont, CA 91711, US, US (Residence),  
US (Nationality), (Designated only for: US)  
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(Residence), US (Nationality), (Designated only for: US)  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200221292 A1 20020314 (WO 0221292)  
Application: WO 2001US25481 20010815 (PCT/WO US01025481)  
Priority Application: US 2000653840 20000901

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13935

Fulltext Availability:

Detailed Description

Detailed Description

... services provided by the multi-service portals suffer from several  
other  
5  
disadvantages. First, they have had **difficulty** scaling as the volume  
and diversity of Internet content has grown. For example, **consumers**  
must **frequently** click through multiple branches of a hierarchical  
directory to locate relevant websites. While cumbersome for users, this  
...

...consumers to multiple pages.

In addition, the multi-service portals rely upon an unregulated process  
for assigning **results** to keywords, a process that often generates  
irrelevant **search listings**.

**Search** engines that use automated **search** technology to catalog  
**search results** generally rely on invisible website descriptions or  
"metatags" that are authored by website operators. Operators may freely

...at little or no marginal cost. In addition, many websites have similar  
or identical tags, and automated **search** technology is generally not  
equipped to **prioritize results** in accordance 1 5 with consumers'  
preferences.

Third, the multi-service portals' objective to retain the consumer...

19/3,K/16 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00885051 \*\*Image available\*\*

**TASK/DOMAIN SEGMENTATION IN APPLYING FEEDBACK TO COMMAND CONTROL  
SEGMENTATION EN FONCTION DES TACHES/DOMAINES POUR L'APPLICATION D'UNE  
RETROACTION A LA GESTION DES INSTRUCTIONS**

Patent Applicant/Inventor:

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(Residence), US (Nationality)

Legal Representative:

RAGUSA Joseph W (agent), Fitzpatrick, Cella, Harper & Scinto, 30  
Rockefeller Plaza, New York, NY 10112-3801, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200219167 A2-A3 20020307 (WO 0219167)

Application: WO 2001US26143 20010822 (PCT/WO US0126143)

Priority Application: US 2000651243 20000830

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14793

*Teoma*

Fulltext Availability:

Detailed Description

Detailed Description

... service and the search is performed using only the  
editor-compiled directory or directories. Both types of  
**search** engines output a **listing** of **search results** believed  
to be of interest to the user, based upon the search term  
or terms that the...

...such as DirectHit

(www.directhit.com) have introduced feedback and learning  
techniques to increase the relevancy of **search results**.  
DirectHit purports to use feedback to iteratively modify  
**search** result rankings based on which search result links  
are actually accessed by users. Another factor  
purportedly used in the DirectHit service in weighting the  
results is the **amount** of **time** the user spends at the  
linked site. The theory behind such techniques is that,  
in general, the more people that link on a search reSultr  
and the longer the **amount** of **time** they spend therer the  
greater the likelihood that **users** have found this  
particular site relevant to the entered search terms,  
ACcordinglYr such popular sites are weighted...

...www.lycos.com) also uses

feedback, but only at the time of crawling, not in ranking  
of **results**, In the Lycos **search** enginer as described in  
U,S, Patent No, 5,748,954, priority of crawling is set  
based...

...Google search engine

(www.google.com) and IBM's Clever system use such information to rank possible hits for a search query , Two of the important techniques available to assist in locating desired Web resources will be referred to...

19/3,K/17 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00857281 \*\*Image available\*\*

METHOD AND APPARATUS FOR UTILIZING USER FEEDBACK TO IMPROVE SIGNIFIER MAPPING

PROCEDE ET DISPOSITIF PERMETTANT D'UTILISER LA RETROACTION UTILISATEUR AFIN D'AMELIORER LA MISE EN CORRESPONDANCE D'UN SIGNIFIANT

Patent Applicant/Inventor:

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Legal Representative:

RAGUSA Joseph W (et al) (agent), Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200190946 A2-A3 20011129 (WO 0190946)

Application: WO 2001US16145 20010518 (PCT/WO US01016145)

Priority Application: US 2000576927 20000523

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US VZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14822

Patent and Priority Information (Country, Number, Date):

Patent: ... 20011129

Fulltext Availability:

Detailed Description

Publication Year: 2001

Detailed Description

... set of relevant results. Further, web site authors often attempt to skew their sitels position in the search results of author-controlled search engines by loading their web site metatags with multiple occurrences of certain words commonly used in searches...  
...Editor-controlled directories are more selective in this regard. However, because conventionaleditor controlled directories do not actively search the web' for matches to particular search terms, they may miss highly relevant web sites that. were not deemed by the editors to be...

...as DirectHit

(www.directhit.com) have introduced feedback and learning techniques to inc.rease the relevancy of search results , DirectHit purports to use feedback to iteratively modify search result rankings based on which search result links are actually accessed by



users. Another factor purportedly used in the DirectHit service in weighting the results is the amount of time the user spends at the linked site. The theory behind such techniques is that, in general, the more people that link on a search result, and the longer the amount of time they spend there, the greater the likelihood that users have found this particular site relevant to the...

...www.lycos.com) also uses feedback, but only at the time of crawling, not in ranking of results. In the Lycos search engine, as described in U.S. Patent No, 5.748,954, priority of crawling is set based...

...by IBM, and the Google system (www.google.com), which do use such information to rank possible hits for a search query.

Even leaving aside the drawbacks discussed above, search engines of both categories are most useful when a...

19/3,K/18 (Item 7 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00851698 \*\*Image available\*\*

**METHOD OF AND SYSTEM FOR ENHANCED WEB PAGE DELIVERY**

**PROCEDE ET SYSTEME PERMETTANT D'AMELIORER LE TRANSFERT DE PAGES WEB**

Patent Applicant/Assignee:

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Inventor(s):

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ENGELS Geert, 38 Penderyn Way, Carleton Road, London N7 0EW, GB,

Legal Representative:

PASTERNAK Sam (agent), Choate, Hall & Stewart, 53 State Street, Exchange Place, Boston, MA 02109, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200184351 A2-A3 20011108 (WO 0184351)

Application: WO 2001US13934 20010430 (PCT/WO US0113934)

Priority Application: US 2000200205 20000428

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Filing Language: English

Fulltext Word Count: 9617

Patent and Priority Information (Country, Number, Date):

Patent: ... 20011108

Fulltext Availability:

Detailed Description

Publication Year: 2001

Detailed Description

... a highly visual and personalized experience for visitors. For the online marketer, all these factors provide a difficult environment for them to do their job of ensuring high visibility of their Web site, and ...

...the Internet that allow visitors to find links to the provider's Web site. This could include.

- Search results in search engines
- Banner advertisements
- Affiliate Links
- Promotional Emaus which include Links

1

In each case a Universal Resource...

...click on and find a page within the provider's Web site.

Search engine visibility is extremely difficult as search engines typically use programs called "spiders" to visit Web sites, parse the text and then...

...sites and the content they hold. To compound the problem, each search engine uses different criteria for ranking making it even more difficult to find a single page structure that appeals to them. all. This also has an impact on the available number of pages that visitors doing searches could be directed to in order to find the content they are after. The visibility...

19/3,K/19 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00846373 \*\*Image available\*\*

SEARCH QUERY AUTOCOMPLETION

REPLISSAGE AUTOMATIQUE DE DEMANDES DE RECHERCHES

Patent Applicant/Assignee:

AMAZON COM INC, 1200 12th Avenue South, Suite 1200, Seattle, WA 98115, US  
, US (Residence), US (Nationality)

Inventor(s):

ORTEGA Ruben E, 7019 24th Avenue NE, Seattle, WA 98115, US,  
AVERY John W, 206 SW 194th Place, Seattle, WA 98166, US,  
FREDERICK Robert, 2400 Elliott Avenue, #211, Seattle, WA 98121, US,

Legal Representative:

DELANEY Karoline A (agent), Knobbe, Martens, Olson And Bear, LLP, 620  
Newport Center Drive, 16th Floor, Newport Beach, CA 92660, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200180079 A2-A3 20011025 (WO 0180079)

Application: WO 2001US10713 20010402 (PCT/WO US0110713)

Priority Application: US 2000551787 20000418

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU  
CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ  
EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL  
IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO  
NZ PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM TR TT TZ UA UG  
UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 6291

Patent and Priority Information (Country, Number, Date):

Patent: ... 20011025  
Fulltext Availability:  
Detailed Description  
Publication Year: 2001

#### Detailed Description

... entering search queries.

##### Background of the Invention

A variety of techniques have been developed for reducing the amount of time and effort needed for search engine users to locate desired items within large domains of items. One such technique, which is described in published...

...to Amazon.com, Inc., involves ranking the search I 0 result items for display based on the frequencies with which users of the system have selected the items. With this method, the most frequently accessed items among a population of users tend to be displayed near the top of the search results list, reducing the need for the searcher to scroll through long lists of search results.

Another technique, which may be invoked when a search query produces a large number of hits, involves suggesting related terms to add to the query. One such method, which is described in U.S. Patent 6,006,225 assigned to Arnazon.com...

...of matching titles, the search system may suggest adding "into" to the query based on the high frequency with which other users have recently submitted the query "into thin air." As with the search result ranking method described above...

19/3,K/20 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00826965

SYSTEM FOR CREATING AND MAINTAINING A DATABASE OF INFORMATION UTILIZING  
USER OPINIONS

SYSTEME DE CREATION ET MISE A JOUR D'UNE BASE DE DONNEES D'INFORMATIONS SUR  
LES OPINIONS DES UTILISATEURS

Patent Applicant/Assignee:

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US (Residence), US (Nationality)

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200159625 A1 20010816 (WO 0159625)  
Application: WO 2001US4408 20010210 (PCT/WO US0104408)

Priority Application: US 2000181632 20000210; US 2001782873 20010210  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 38362

Patent and Priority Information (Country, Number, Date):

Patent: . . . . 20010816

Fulltext Availability:

Detailed Description

Publication Year: 2001

Detailed Description

... bottom of the page. One may also determine  
how many preselected words appear when a user adds/ **rates** a  
Subject, to speed/simplify the process of adding/rating a  
120  
Subject. Example: The more words...

...minimum ranking for Descriptive Words, determine when to  
expire ratings in the database, configure ratings  
expirations, determine **how long** a user must wait before  
rating the same experience again, configure a user waiting  
period between rating...

...Best of Best cutoff" field,  
enter the number you would like to designate as the minimum  
average **rating** a Subject must receive in order to receive the  
distinction "Best of Best." The range for this number is  
between .01 (lowest) and 5.0 (highest, a perfect **score**). All  
Subjects with an average **rating** higher than the one you  
select will be considered Best of Best. When finished, click  
"update" at the bottom of the page], determine **weighting** of  
opinions based on a user's credibility and contributions,  
determine maximum number of **search results**, and **results** per  
page, configure **search results** (i.e., type in the maximum  
121

**number** of total **search results** that one wants **users** to be  
able to **retrieve** when they perform a search on the site. And  
specify the number of search results per page...

19/3,K/21 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00803576 \*\*Image available\*\*

METHOD FOR SEARCHING FROM A PLURALITY OF DATA SOURCES

PROCEDE DE RECHERCHE A PARTIR DE PLUSIEURS SOURCES DE DONNEES

Patent Applicant/Assignee:

SEARCHCRAFT CORPORATION, P.O. Box 717, Lincoln, MA 01773, US, US  
(Residence), US (Nationality)

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Legal Representative:  
SCHAEFER Ira J (agent), Chadbourne & Parke LLP, 30 Rockefeller Plaza, New  
York, NY 10112, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200137134 A1 20010525 (WO 0137134)  
Application: WO 2000US23916 20000901 (PCT/WO US0023916)  
Priority Application: US 99441270 19991116

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 23747

Patent and Priority Information (Country, Number, Date):

Patent: ... 20010525

Fulltext Availability:

Detailed Description

Publication Year: 2001

Detailed Description

... caused a major problem that  
is slowing the usefulness of the Internet itself. The problem is  
the **difficulty** of locating relevant information in answer to any  
particular query.  
Current technologies for search-and-retrieval all suffer  
from problems which cause **retrievals** to contain irrelevant, non  
existent, and out-of-date **references**, and additionally to contain  
so many **references** that the **retrievals** overwhelm the capacity of  
a person to find the particular information sought.

5

SUBSTITUTE SHEET (RULE 26...

...immense size and dynamic nature of the  
Internet, which has become the database of choice of most **people**  
and which is searched most **frequently**, requires the additional  
evaluation measures of **Ranking** and Timeliness.

Definitions.

Recall: Recall is a measure of the completeness of  
retrieval. Recall is defined as...

19/3,K/23 (Item 12 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00799847 \*\*Image available\*\*

INFORMATION ACCESS

ACCES A UNE INFORMATION

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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LN5 0AL, GB, GB (Residence), GB (Nationality), (Designated only for:  
US)

DAVIES Nicholas John, Pen-Y-Fan, Mill Road, Boxted, Colchester, Essex CO4  
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London EC1N 2TE, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200133417 A1 20010510 (WO 0133417)

Application: WO 2000GB4074 20001020 (PCT/WO GB0004074)

Priority Application: EP 99308748 19991103

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7914

Patent and Priority Information (Country, Number, Date):

Patent: ... 20010510

Fulltext Availability:

Detailed Description

Publication Year: 2001

Detailed Description

... term, the query term analyser 1 45 calculates a weighting using one of  
a number of possible **weighting** algorithms. In particular, if STEP 230  
served merely to update a counter recording the number of 1...

...320 the query term analyser 1 45 may use such a counter in the  
calculation of a **weighting** for the term. In a preferred **weighting**  
algorithm, each distinct term may be assigned a **weight** in the range 0  
to 1, the **weight** in respect of a particular document being calculated  
as the proportion of users that upon using the term in 20 their search  
queries, investigated the content of the document thereby retrieved.

Such a **weighting** expresses the probability that users who retrieved a  
document by using the term in their queries, found the document to be  
relevant. This **weighting** may also be interpreted as indicating the  
degree to which the term represents the meaning of the document's  
content.

A term's **weight** may be further adjusted according to the **amount** of  
**time**  
that those **users** spent looking at the document, up to a predetermined  
timeout period, as monitored through the user interface...

...increased in proportion to the total time users spent looking at the  
document.

At STEP 325, the **query** term analyser 1 45 constructs a table showing  
cross- **references** between each distinct **query** term and each of the n

selected documents from the latest search query response. The table contains the **weighting** calculated at STEP 320 (or STEP 230) for each term in resoect of each selected document. In the worked example, the following cross-reference table of term **weights** is generated, with documents being represented by rows and terms by columns.

DM IM KM Distributed Data...

19/3,K/28 (Item 17 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00753782 \*\*Image available\*\*  
SYSTEM AND METHOD FOR SEARCHING AND RECOMMENDING DOCUMENTS IN A COLLECTION  
USING SHARED BOOKMARKS  
SYSTEME ET PROCEDE DE RECHERCHE ET DE RECOMMANDATION DE DOCUMENTS DANS UNE  
COLLECTION A L'AIDE DE SIGNETS PARTAGES

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200067159 A2-A3 20001109 (WO 0067159)  
Application: WO 2000US12042 20000504 (PCT/WO US0012042)  
Priority Application: US 99305844 19990505

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14069

Patent and Priority Information (Country, Number, Date):

Patent: ... 20001109

Fulltext Availability:

Detailed Description

Publication Year: 2000

Detailed Description

... Le., 44 outlinks," defining the retrieved page as a "hub"). A page's  
inlinks and outlinks are **weighted**, based on the Google-determined  
importance of the linked pages, resulting in an importance score for each  
...

...hubs as metrics of page importance. Again, importance (based on links  
throughout the Web) is used to **rank search results**. Unlike Google,  
CLEVER uses page content (e.g., the words surrounding inlinks and

outfinks) to attempt to...

...search engine, to define initial communities of documents on the Web.

From hubs on the Web that frequently represent people's interests, CLEVER is able to identify communities, and from those communities, identify related or important pages...

...a batch of results are interesting or important, as perceived by users who have previously performed similar searches.

Direct Hit tracks which pages in a list of search results are accessed most frequently; it is also able to track the amount of time users spend at the linked sites before returning to the search results. The most popular sites are promoted (Le., given higher scores) for future searches.

Alexa is a system that is capable of tracking a user's actions while...

19/3,K/29 (Item 18 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00546734 \*\*Image available\*\*  
ANALYZING INTERNET-BASED INFORMATION  
ANALYSE D'INFORMATIONS BASEES SUR L'INTERNET  
Patent Applicant/Assignee:

IATLAS CORPORATION,  
Inventor(s):

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TITUS Jason Harvey,  
WOODHEAD Ira Joseph,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200010107 A1 20000224 (WO 0010107)  
Application: WO 99US18645 19990816 (PCT/WO US9918645)  
Priority Application: US 9897029 19980817

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU  
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW  
SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB  
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 6093

Patent and Priority Information (Country, Number, Date):

Patent: ... 20000224

Fulltext Availability:

Detailed Description

Publication Year: 2000

Detailed Description

... A

comprehensive list of tested domain names can be produced. Domain names for Web sites that are difficult or impossible for a search engine to discover can be made available to the search engine to allow the search engine to produce search results that account for the contents of the previously undiscovered Web sites.

Before being provided to the search engine, the domain names may be prioritized or sorted according to one or more attributes (such as industry sector or company size) of the...



...are registered as having control over the domain names. Highly useful statistics can be produced concerning the **number** of **entities** in an industrial sector that are registered as having control over Web sites. Such statistics can be...

19/3,K/30 (Item 19 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00535354 \*\*Image available\*\*  
SYSTEM AND METHOD FOR DYNAMIC FLEXIBLE MARKETING BASED ON SYSTEM UTILIZATION

SYSTEME ET PROCEDE DE MARKETING FLEXIBLE BASE SUR L'UTILISATION DU SYSTEME

Patent Applicant/Assignee:

ERICSSON INC,

Inventor(s):

BALACHANDRAN Shridharan,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9966706 A1 19991223

Application: WO 99US13027 19990611 (PCT/WO US9913027)

Priority Application: US 9899999 19980619

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU  
ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 5673

Patent and Priority Information (Country, Number, Date):

Patent: ... 19991223

Fulltext Availability:

Detailed Description

Publication Year: 1999

Detailed Description

... IN) or Advanced Intelligent Network (AIN) trigger to the DFMS 250, which instructs the MSCNLR 240 to **query** the DFMS 250 to determine whether the entered code **matches** the current DIMS 250 code for that subscriber (step 375).

If the entered code matches the current DIMS 250 code for that subscriber (step 375), the call will be charged at the discounted **rate** (step 380). In addition, in preferred embodiments of the present invention, a series of tones or an ...

...to indicate that the code has been accepted and the call is being charged at a discounted **rate**. If the code does not match, a rejection message can be sent to the MS 200 (step...

...try again," or "The code you entered is not valid. To continue your call at your regular **rate**, please stay on the line." Furthermore, if the desired number of responses is not achieved, e. a., the paged subscriber chooses to not place a call (step 365), in a predetermined **amount** of **time**, gg., 3 minutes, a second set of mobile **subscribers** are paged (step 350), as discussed hereinbefore.

Alternatively, in order to avail the price discount (step 365...

19/3,K/31 (Item 20 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00516676 \*\*Image available\*\*

**IMPROVED SEARCH ENGINE**

**MOTEUR DE RECHERCHE AMELIORE**

Patent Applicant/Assignee:

GLOBALBRAIN NET INC,

Inventor(s):

RYAN Grant James,

RYAN Shaun William,

RYAN Craig Matthew,

MUNRO Wayne Alistar,

ROBINSON Del,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9948028 A2 19990923

Application: WO 99US5588 19990316 (PCT/WO US9905588)

Priority Application: US 9878199 19980316; US 98115802 19980715

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU  
ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 24678

Patent and Priority Information (Country, Number, Date):

Patent: ... 19990923

Fulltext Availability:

Detailed Description

Publication Year: 1999

**Detailed Description**

... incur an increased administration cost, it is nevertheless computationally similar and only initiated once a certain level of hits on a keyword had been exceeded

Content only **search** Users can also purposely choose to search only the content provider associated with a keyword. In this case the **search results** will be based on the values of A in Table 12. The content providers that pay the...text previously. This is a number between 1 and 0. A high history factor will make it **difficult** to change the existing popularity lists. As an example if the rate of searching for a particular ...is a measure of the frequency with which the popularity lists are updated with information about the **users** ' activities (i.e. the surfer trace), for example, this may be measured once a day or even once a month depending on the rate of change of popularity of particular keyword searches

**b " Sampling frequency**

This is the **frequency** of sampling the information of how **users** are searching. If it is a common keyword it is not necessary to monitor every search. It need be monitored to accurately determine web-page popularity

**b " The composition of the default search list** (mix of **results** from the new web-page list, high-flyers and popular-lists etc.)

The mix of web pages...

...to the user as a default can be changed if necessary to reflect the way in which **search results** evolve over time

b " Content 'hit factor'

The "content hit factor" is a measure of the weighting...these commercially valuable keywords. The higher the content factor, the higher the resistance to spam as the **search results** would be more dependent on price rather than popularity

b " The time period for content bidding

Content providers bid a certain **amount** for a particular time period e.g. one month. This time period may be different depending on the **rate** -of-change of the price. If the price is changing rapidly or is very stable, the time...

File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200580

(c) 2005 Thomson Derwent

Set	Items	Description
S1	228605	QUERY??? OR QUERIE? ? OR SEARCH??? OR RETRIEV???
S2	778831	RESULTS OR RESULTING OR RESULTANT OR FINDINGS OR HITS OR ANSWERS OR MATCHES OR LISTING? ? OR REFERENCES
S3	1630034	SCOR??? OR RATE? ? OR RATING OR GRADE? ? OR GRADING OR WEIGHT??? OR RANK??? OR PRIORITIZ? OR PRIORITIS?
S4	4829204	(FREQUEN? OR STRENGTH? OR INCIDENCE? ? OR HOW()OFTEN OR POPULAR??? OR RATIO OR PERCENTAGE OR NUMBER OR QUANTITY OR AMOUNT)
S5	94	(LEVEL OR DEGREE) (3W)EFFORT
S6	477116	DIFFICULT? ? OR HARD OR CHALLENG??? OR TOUGH OR ARDUOUS OR LABORIOUS OR PAINSTAKING OR EXACTING OR DAUNTING OR STRENUOUS OR DEMANDING OR INTENSE OR INTENSIVE OR EXERT???? OR STRUGGL? - ??
S7	13241	(HOW()MUCH OR AMOUNT) (3W) (TIME OR EFFORT)
S8	695	HOW() LONG
S9	35	S1 AND S2 AND S3 AND S4 AND S5:S8
S10	161	S1 AND S3 AND S4 AND S5:S8
S11	73	S10 AND IC=(G06F OR H04L OR H04N OR H04M)
S12	25288	(PRIOR OR PREVIOUS?? OR OLD?? OR PAST OR BEFORE???? OR PRECED??? OR EARL??? OR FORMER OR FOREGOING) (5N) (S1 OR SELECT??? OR PICK??? OR CHOSEN OR CHOOS??? OR PURCHAS??? OR BOUGHT???)
S13	37	S12 AND S3 AND S4 AND S5:S8
S14	20	S13 AND AC=US/PR AND AY=(1970:2001)/PR
S15	21	S13 AND AC=US AND AY=1970:2001
S16	21	S13 AND AC=US AND AY=(1970:2001)/PR
S17	25	S13 AND PY=1970:2001
S18	31	S14:S17
S19	13726	(SIMILAR OR RELATED) (5N) (S1 OR SELECT??? OR PICK??? OR CHOSEN OR CHOOS??? OR PURCHAS??? OR BOUGHT???)
S20	16	S19 AND S3 AND S4 AND S5:S8
S21	15	S20 NOT S13
S22	33	S9 NOT (S13 OR S21)

22/5/6 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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016312293 \*\*Image available\*\*  
WPI Acc No: 2004-470188/200445  
XRPX Acc No: N04-371587

**Data selection method for selecting logical records from a database  
applies a computer- intensive calculation of weighted results to  
non-recurring occurrences of defined characteristics**

Patent Assignee: TRAVELTAINMENT AG (TRAV-N); TRAVEL TAINMENT AG (TRAV-N)

Inventor: PFAU M; SCHMITZ L; USBECK R

Number of Countries: 031 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1431885	A2	20040623	EP 200328956	A	20031217	200445 B
DE 10259206	A1	20040715	DE 10259206	A	20021217	200446

Priority Applications (No Type Date): DE 10259206 A 20021217

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 1431885	A2	G	18	G06F-017/30	
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Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB

GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

DE 10259206	A1	G06F-017/30
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Abstract (Basic): EP 1431885 A2

NOVELTY - Several selection criteria are entered. Logical records are read and grouped. Selected logical/data records are output. Just before initial access, a computer- **intensive** calculation of **weighted results** is applied only to non-recurring occurrences of defined characteristics through suitable grouping and indexing of logical/data records from a database.

USE - For managing travel data, e.g. including flight departures, destinations, etc.

ADVANTAGE - Waiting times are shortened for a user. The **number** of waiting times is reduced. An increased **number** of requests can be processed by a computer. **Searches** can be broad or the level of definition can be selected.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram for a selection process according to the present invention.

pp; 18 DwgNo 3/9

Title Terms: DATA; SELECT; METHOD; SELECT; LOGIC; RECORD; DATABASE; APPLY; COMPUTER; **INTENSE** ; CALCULATE; **WEIGHT** ; RESULT; NON; RECURRENCE; OCCUR; DEFINE; CHARACTERISTIC

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

22/5/7 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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016045505 \*\*Image available\*\*  
WPI Acc No: 2004-203356/200419  
XRPX Acc No: N04-161773

**Search result list generating method for network information provider,  
involves generating search list comprising search listings ordered  
with respective ranks , for determined display period to searcher**

Patent Assignee: OVERTURE SERVICES INC (OVER-N); SOULANILLE T A (SOUL-I)

Inventor: SOULANILLE T A

Number of Countries: 104 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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US 20040039733	A1	20040226	US 2002226103	A	20020822	200419	B
WO 200419171	A2	20040304	WO 2003US26258	A	20030821	200419	
AU 2003258324	A1	20040311	AU 2003258324	A	20030821	200457	
EP 1546939	A2	20050629	EP 2003793250	A	20030821	200543	
			WO 2003US26258	A	20030821		

Priority Applications (No Type Date): US 2002226103 A 20020822

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20040039733	A1		23	G06F-017/30	
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WO 200419171	A2	E		G06F-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO  
NZ OM PG PH PL PT RO RU SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VN  
YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB  
GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ  
UG ZM ZW

AU 2003258324	A1		G06F-017/30	Based on patent WO 200419171
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EP 1546939	A2	E	G06F-017/30	Based on patent WO 200419171
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Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Abstract (Basic): US 20040039733 A1

NOVELTY - The method involves auctioning **rank**s in a **search** list for a **search** term corresponding to a determined display period. A database (40) having **search** listings associated with a winning bidder for a specified **rank** in the **search** result list, the **search** term and display period is maintained. A **search** result list having **search** listings ordered based on respective **rank**s is generated for a determined display period to a **searcher**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a method for displaying a result list on a computer network

(b) a method of displaying a **search** list to a **searcher**.

USE - Used for network information provider for displaying a **search** result list in response to a **search** request from a **searcher** using a computer network.

ADVANTAGE - The method enables a network information provider to obtain a **search** result **rank** for a determined **amount** **time**, without having to continuously monitor bidding. The method allows more control over the providers cost as the provider can determine in advance the cost and duration of a **rank** of a **search** listing in the **search** result list.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram representing the relationship between a network and the system for displaying a **search** result list.

Distributed system (10)

Client computers (12)

Network information providers web servers (14)

Network (20)

Account management server (22)

**Search** engine web server (24)

Database (40)

pp; 23 DwgNo 1/10

Title Terms: **SEARCH**; RESULT; LIST; GENERATE; METHOD; NETWORK; INFORMATION  
; GENERATE; **SEARCH**; LIST; COMPRISE; **SEARCH**; ORDER; RESPECTIVE; **RANK**  
; DETERMINE; DISPLAY; PERIOD; **SEARCH**

Derwent Class: T01; T05

International Patent Class (Main): G06F-000/00; G06F-017/30

File Segment: EPI

DIALOG(R) File 350:Derwent WPIX  
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015430678      \*\*Image available\*\*

WPI Acc No: 2003-492820/200346

XRAM Acc No: C03-131801

XRPX Acc No: N03-391510

Computer implemented system, for managing and processing supply and demand information, has data processor, business logic engine having search and interface engines, and communications engine

Patent Assignee: ODS PETRODATA INC (ODSP-N); ONEOFFSHORE INC (ONEO-N)

Inventor: BOUZEK M; CARTER S; COCHRANE S; ISHERWOOD R; LINDSAY J

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030074391	A1	20030417	US 2001308745	P	20010730	200346 B
			US 2001317214	P	20010905	
			US 2002208548	A	20020730	
GB 2381343	A	20030430	GB 200217576	A	20020730	200346

Priority Applications (No Type Date): US 2002208548 A 20020730; US 2001308745 P 20010730; US 2001317214 P 20010905

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030074391	A1		91	G06F-015/16	Provisional application US 2001308745

Provisional application US 2001317214

GB 2381343      A              G06F-017/60

Abstract (Basic): US 20030074391 A1

NOVELTY - A computer implemented system comprises a data processor, a business logic engine comprising computer readable program code stored on a host computer, and a communications engine for receiving a market inquiry and forwarding the inquiry to a supply side market participant. The business logic program code comprises a **search** engine, and an interface engine.

DETAILED DESCRIPTION - A computer implemented system comprises a data processor programmed to receive and store electronically received data in relational database in an electronic storage medium, a business logic engine comprising computer readable program code stored on a host computer, and a communications engine for receiving a market inquiry from a demand side market participant and forwarding the inquiry to a supply side market participant and for receiving a response to the inquiry from a supply side market participant and forwarding the received response to the demand side market participant. The business logic program code comprises a **search** engine for selectively **retrieving** data from the database, and an interface engine for communication between a system user and the data processor and the business logic engine where the business logic engine operates on the processed data and the interface engine displays the **results** of operation by the business logic engine.

INDEPENDENT CLAIMS are also included for:

(a) A method of creating a plan for equipment usage by providing database contained in a computer storage medium for storing information relevant to participation in an equipment market, and assigning activities identified in the activity identification **query** step to identified equipment;

(b) A method for calculating economical day **rates** for a group of drilling rig for use in drilling wells in underwater formations by determining a mechanical **difficulty** index for the well based on factors from well location, well water depth, total drilling depth, maximum well angle, hole size, maximum well displacement, **number** of casing strings or type of drilling mud; determining a drilling performance index based on the factors; determining a capability index based on identification of rigs available for the project, contractor

capabilities associated with each rigs, and combined contractor and rig performance histories; calculating a rig/hole performance index, the number of days required to complete the drilling project, and an economic day rate for each rig based on rig/hole performance index and days requirement to complete the drilling project;

(c) A computer implemented method for analyzing supply and demand information in an equipment market;

(d) A method of generating a Gantt chart image from the stored data in response to search criteria entered by a program user, by calculating the width and height of the image to be produced by the rendering engine, generating an image map and a buffered object, drawing rows on the buffered object, drawing each result objects on the buffered object, compressing the buffered object, encoding the buffered object, and sending the encoded image to an Internet browser; and

(e) A computer program product for generating a Gantt chart image from data stored in a database in response to search criteria entered by a program user.

USE - For managing and processing supply and demand information for participants in an equipment market, e.g. offshore drilling rigs.

ADVANTAGE - The novel system enables users to search the database and formulates requests and responses based on information in the published information portion, community information portion, and the user company's private information portion. It provides the user with the ability to organize and store and use virtually all categories of information relevant in participation in the equipment market.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic illustration of a knowledge base system, as above.

pp; 91 DwgNo 1/60

Title Terms: COMPUTER; IMPLEMENT; SYSTEM; MANAGE; PROCESS; SUPPLY; DEMAND; INFORMATION; DATA; PROCESSOR; BUSINESS; LOGIC; ENGINE; SEARCH ; INTERFACE; ENGINE; COMMUNICATE; ENGINE

Derwent Class: H01; T01

International Patent Class (Main): G06F-015/16; G06F-017/60

File Segment: CPI; EPI

22/5/12 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015213843 \*\*Image available\*\*

WPI Acc No: 2003-274380/200327

XPX Acc No: N03-217667

Data query performing apparatus for computer system, has server nodes with request router having partitioning data that associates server nodes with specific portion of query domain upon which data queries are performed

Patent Assignee: VERIZON LAB INC (VERI-N)

Inventor: CHIPALKATTI R; GETCHIUS J; KOYFMAN L; LIU S; MORATZAVI A;

SCOFIELD C; SIVASANKARAN R; VENUGOPAL R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6484161	B1	20021119	US 99283837	A	19990331	200327 B

Priority Applications (No Type Date): US 99283837 A 19990331

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6484161	B1	107	G06F-017/30	

Abstract (Basic): US 6484161 B1

NOVELTY - A partitioning data used by request router of each server node (808-810), determines the node processing the request. The data associates server nodes with a specific portion of the query domain upon which each node primarily performs data queries. The data also



includes a static file with **weighted** parameters of **query** domain, where a **query** cache includes the data associated with specific portion of **query** domain.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) data **query** performing method; and
- (2) computer program product storing data **query** performing program.

USE - For computer systems having on-line **query** tool.

ADVANTAGE - Provides an efficient and flexible technique and architecture for providing **search query results** in an efficient manner, by reducing the **amount** of **time** required to respond to a user **query**. The apparatus is flexible to be able to integrate a large **number** of updates for a wide variety of data which may be used in many different computer systems.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the hardware view of an on-line **query** tool.

server nodes (808-810).

pp; 107 DwgNo 2/71

Title Terms: DATA; **QUERY**; PERFORMANCE; APPARATUS; COMPUTER; SYSTEM; SERVE; NODE; REQUEST; ROUTER; PARTITION; DATA; ASSOCIATE; SERVE; NODE; SPECIFIC; PORTION; **QUERY**; DOMAIN; DATA; **QUERY**; PERFORMANCE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

22/5/27 (Item 26 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012964044 \*\*Image available\*\*

WPI Acc No: 2000-135894/200012

XRPX Acc No: N00-101590

**Quiz machine containing control unit for awarding quiz points based on question difficulty and response time to questions**

Patent Assignee: SANCHEZ A (SANC-I)

Inventor: SANCHEZ A

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SE 9801486	A	19991029	SE 981486	A	19980428	200012 B
SE 518779	C2	20021119	SE 981486	A	19980428	200301

Priority Applications (No Type Date): SE 981486 A 19980428

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SE 9801486	A	18	A63F-009/18		
SE 518779	C2		A63F-009/18		

Abstract (Basic): SE 9801486 A

NOVELTY - At the end of a terminated game sequence with a **number** of quiz points for a first category stored, the player can initiate an activation signal for displaying one or more quiz questions on the monitor screen (2). A pre-determined **number** of correct **answers results** in a further activation signal being generated to store a **number** of quiz points in a second category.

USE - None given.

ADVANTAGE - More points are awarded for answering fewer, more **difficult** questions, rather than for a large **number** of more simple questions. The **score** is also dependent upon the speed with which the questions are answered. DESCRIPTION OF DRAWING(S) - Figure 2 shows the control unit circuit diagram. (3) Control unit linked to monitor screen; (6) Video game program; (8) Interface between monitor screen and control unit circuit board; (9) Quiz program; (9a) Quiz program

circuit board; (10) Memory; (10a) Memory for storing points; (11) Memory for storing knowledge categories; (11a-11c) Knowledge categories; (12) Memory for storing questions; (13) Timer circuits; (14) Memory block; (15) Block for receiving third activation signal; (60) Block containing memory and control circuits for chosen game sequence; (61) Conductor for first activation signal; (62) Conductor for carrying second activation signal and one or more game control signals; (63) Conductor for carrying third activation signal; (64) Conductor for carrying fourth activation (answer) signal; (65) Conductor for sending points from memory to monitor; (66) Conductor for exchanging information between control unit program and monitor; (67) Conductor for retrieving game points; (68) Conductor for carrying activation signal used to end game sequence; (69) Conductor for carrying quiz questions.

Dwg.2/2

Title Terms: QUIZ; MACHINE; CONTAIN; CONTROL; UNIT; AWARD; QUIZ; POINT; BASED; QUESTION; **DIFFICULT** ; RESPOND; TIME; QUESTION  
Derwent Class: P36; W04  
International Patent Class (Main): A63F-009/18  
File Segment: EPI; EngPI

22/5/29 (Item 28 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012804411 \*\*Image available\*\*

WPI Acc No: 1999-610641/199952

XRPX Acc No: N99-449942

**Database updating method for Internet search engine**

Patent Assignee: SLI SYSTEMS INC (SLIS-N); GLOBALBRAIN.NET INC (GLOB-N); NBEI NEW ZEALAND CO LTD (NBEI-N); GLOBALBRAIN.NET INC T (GLOB-N); NBCI NEW ZEALAND LLC (NBCI-N)

Inventor: MUNRO W A; ROBINSON D I; RYAN C M; RYAN G J; RYAN S W; ROBINSON D

Number of Countries: 087 Number of Patents: 013

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9948028	A2	19990923	WO 99US5588	A	19990316	199952 B
AU 9933546	A	19991011	AU 9933546	A	19990316	200008
EP 1072002	A2	20010131	EP 99914907	A	19990316	200108
			WO 99US5588	A	19990316	
CN 1299488	A	20010613	CN 99805701	A	19990316	200158
KR 2001086259	A	20010910	KR 2000710220	A	20000915	200219
JP 2002507794	W	20020312	WO 99US5588	A	19990316	200220
			JP 2000537158	A	19990316	
US 6421675	B1	20020716	US 9878199	P	19980316	200248
			US 98115802	A	19980715	
US 20030055831	A1	20030320	US 9878199	P	19980316	200323
			US 98115802	A	19980715	
			US 2002155914	A	20020522	
			US 2002213017	A	20020805	
US 20030088554	A1	20030508	US 9878199	P	19980316	200337
			US 98115802	A	19980715	
			US 2002155914	A	20020522	
NZ 507123	A	20040227	NZ 507123	A	19990316	200418
			WO 99US5588	A	19990316	
AU 2003204958	A1	20031127	AU 9933546	A	19990316	200436 N
			AU 2003204958	A	20030626	
NZ 530061	A	20050624	NZ 507123	A	19990316	200545
			NZ 530061	A	19990316	
CA 2504689	A1	19990923	CA 2324137	A	19990316	200545
			CA 2504689	A	19990316	

Priority Applications (No Type Date): US 98115802 A 19980715; US 9878199 P 19980316; US 2002155914 A 20020522; US 2002213017 A 20020805; AU

2003204958 A 20030626

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9948028	A2	E	93	G06F-017/30	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
AU 9933546	A				Based on patent WO 9948028
EP 1072002	A2	E		G06F-017/30	Based on patent WO 9948028
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
CN 1299488	A			G06F-017/30	
KR 2001086259	A			G06F-017/30	
JP 2002507794	W		118	G06F-017/30	Based on patent WO 9948028
US 6421675	B1			G06F-017/30	Provisional application US 9878199
US 20030055831	A1			G06F-007/00	Provisional application US 9878199
Cont of application US 98115802 Div ex application US 2002155914 Cont of patent US 6421675					
US 20030088554	A1			G06F-007/00	Provisional application US 9878199
Cont of application US 98115802 Cont of patent US 6421675					
NZ 507123	A			G06F-017/30	Div in patent NZ 530061 Based on patent WO 9948028
AU 2003204958	A1			G06F-017/30	Div ex application AU 9933546
NZ 530061	A			G06F-017/30	Div ex application NZ 507123 Div ex patent NZ 507123
CA 2504689	A1	E		G06F-017/30	Div ex application CA 2324137

Abstract (Basic): WO 9948028 A2

NOVELTY - The server computer generates several **listings** corresponding to keyword and data items received from user. The **listing** is transmitted to user's site and the user detects and selects data corresponding to **listing**. The database is updated to selected data item with respect to keyword.

DETAILED DESCRIPTION - The updating is dependent on **amount** of **time** spent in selecting data items and **ranking number** associated with selected data item. The **listing** is generated based upon data items corresponding to keyword that have been recently updated.

INDEPENDENT CLAIMS are also included for the following:

- (a) database populating method;
- (b) electronic display content determining method

USE - For Internet **search** engine can be used as dating service to match people with similar preference.

ADVANTAGE - Efficiency; usability and effectiveness is increased with system storage and computational requirements.

DESCRIPTION OF DRAWING(S) - The figure depicts the process of updating of database.